



Appendix E for BT Test Data

Product Name: Tablet

Test Model: TAB 40

Environmental Conditions

| | |
|--------------------|-----------|
| Temperature: | 24.3° C |
| Relative Humidity: | 54.4% |
| ATM Pressure: | 100.0 kPa |
| Test Engineer: | Taylor Hu |
| Supervised by: | Ling Zhu |





E.1 RF Output Power

| Condition | Mode | Frequency (MHz) | Max EIRP (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|----------------|-------------|---------|
| NVNT | 1-DH5 | 2402 | 5.77 | 20 | Pass |
| NVNT | 1-DH5 | 2480 | 5.91 | 20 | Pass |
| NVNT | 2-DH5 | 2402 | 4.24 | 20 | Pass |
| NVNT | 2-DH5 | 2480 | 4.60 | 20 | Pass |
| NVNT | 3-DH5 | 2402 | 4.31 | 20 | Pass |
| NVNT | 3-DH5 | 2480 | 4.54 | 20 | Pass |

| Condition | Mode | Frequency (MHz) | Max EIRP (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|----------------|-------------|---------|
| NVLT | 1-DH5 | 2402 | 5.60 | 20 | Pass |
| NVLT | 1-DH5 | 2480 | 5.76 | 20 | Pass |
| NVLT | 2-DH5 | 2402 | 4.05 | 20 | Pass |
| NVLT | 2-DH5 | 2480 | 4.56 | 20 | Pass |
| NVLT | 3-DH5 | 2402 | 4.18 | 20 | Pass |
| NVLT | 3-DH5 | 2480 | 4.49 | 20 | Pass |

| Condition | Mode | Frequency (MHz) | Max EIRP (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|----------------|-------------|---------|
| NVHT | 1-DH5 | 2402 | 5.53 | 20 | Pass |
| NVHT | 1-DH5 | 2480 | 5.65 | 20 | Pass |
| NVHT | 2-DH5 | 2402 | 3.90 | 20 | Pass |
| NVHT | 2-DH5 | 2480 | 4.47 | 20 | Pass |
| NVHT | 3-DH5 | 2402 | 3.98 | 20 | Pass |
| NVHT | 3-DH5 | 2480 | 4.40 | 20 | Pass |

***Note: 20 bursts had been captured for power measurement.

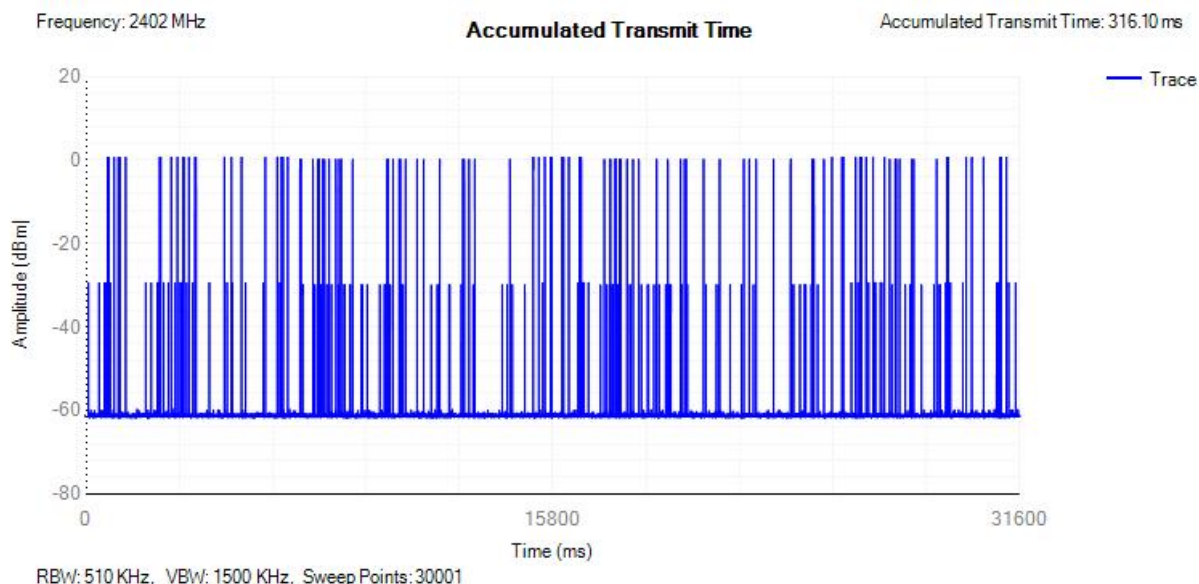




E.2 Accumulated Transmit Time

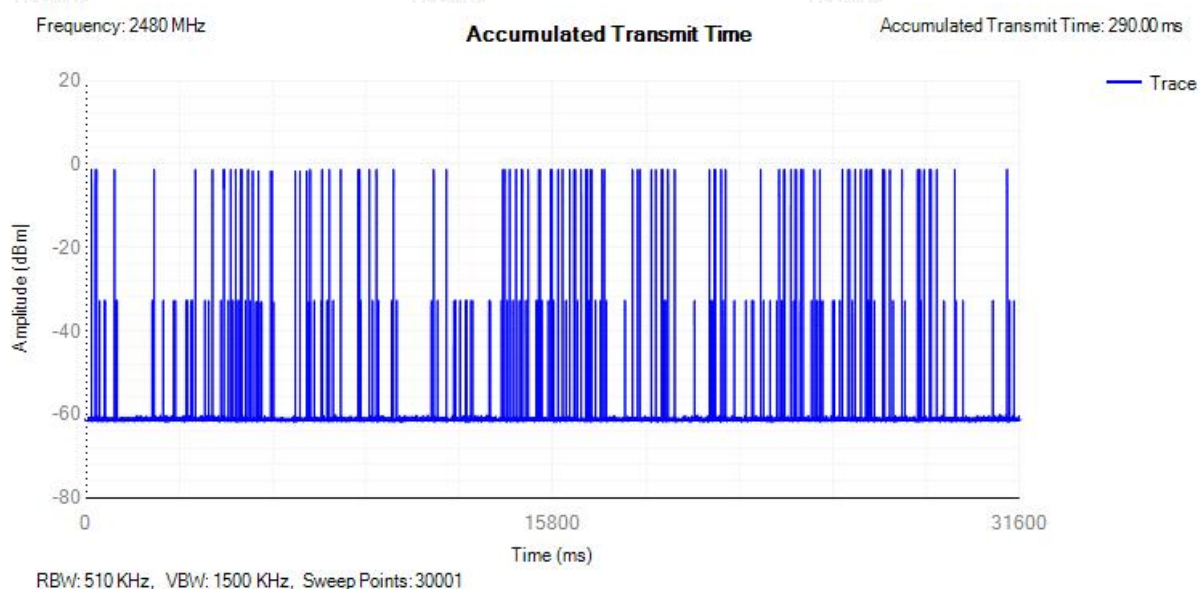
| Condition | Mode | Frequency (MHz) | Accumulated Transmit Time (ms) | Limit (ms) | Sweep Time (ms) | Burst Number | Verdict |
|-----------|-------|-----------------|--------------------------------|------------|-----------------|--------------|---------|
| NVNT | 1-DH5 | 2402 | 316.1 | 400 | 31600 | 109 | Pass |
| NVNT | 1-DH5 | 2480 | 290 | 400 | 31600 | 100 | Pass |
| NVNT | 2-DH5 | 2402 | 286 | 400 | 31600 | 104 | Pass |
| NVNT | 2-DH5 | 2480 | 266.75 | 400 | 31600 | 97 | Pass |
| NVNT | 3-DH5 | 2402 | 264 | 400 | 31600 | 96 | Pass |
| NVNT | 3-DH5 | 2480 | 316.25 | 400 | 31600 | 115 | Pass |

Dwell NVNT 1-DH5 2402MHz

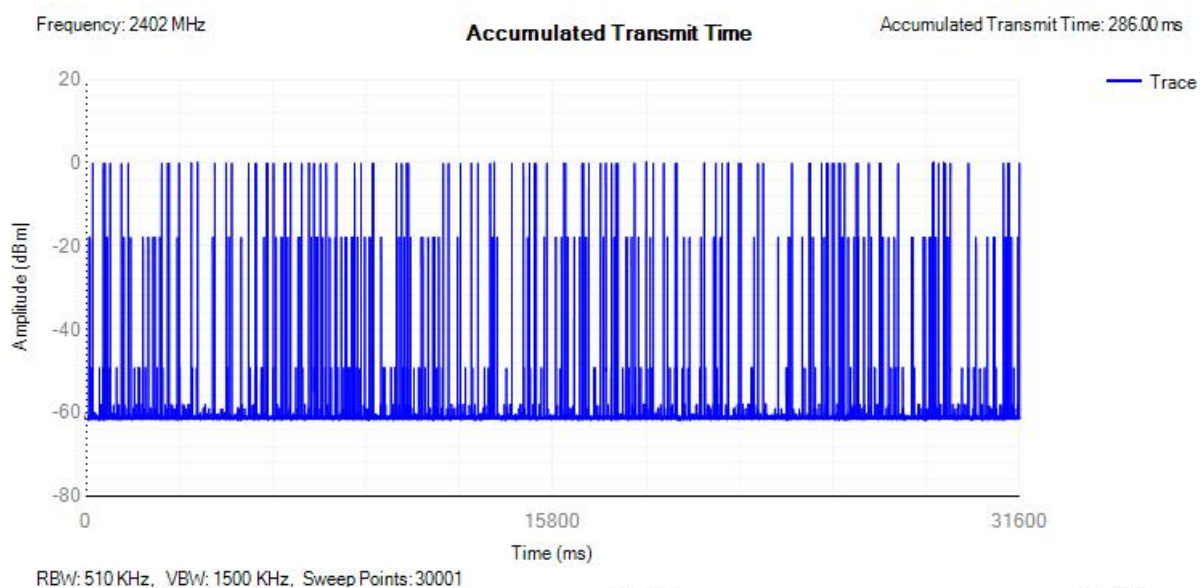




Dwell NVNT 1-DH5 2480MHz

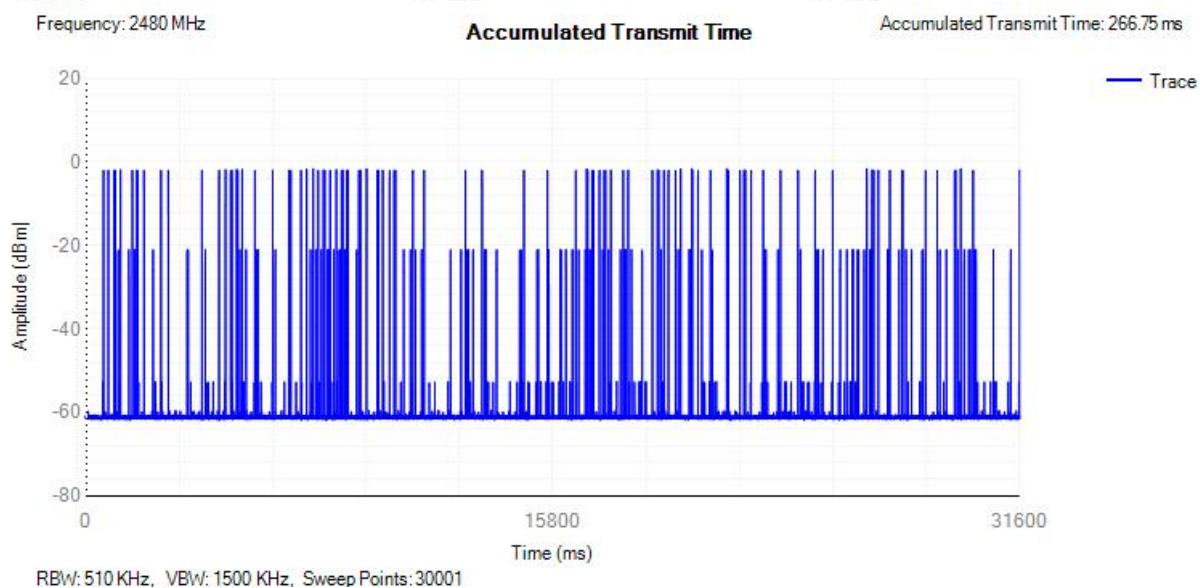


Dwell NVNT 2-DH5 2402MHz

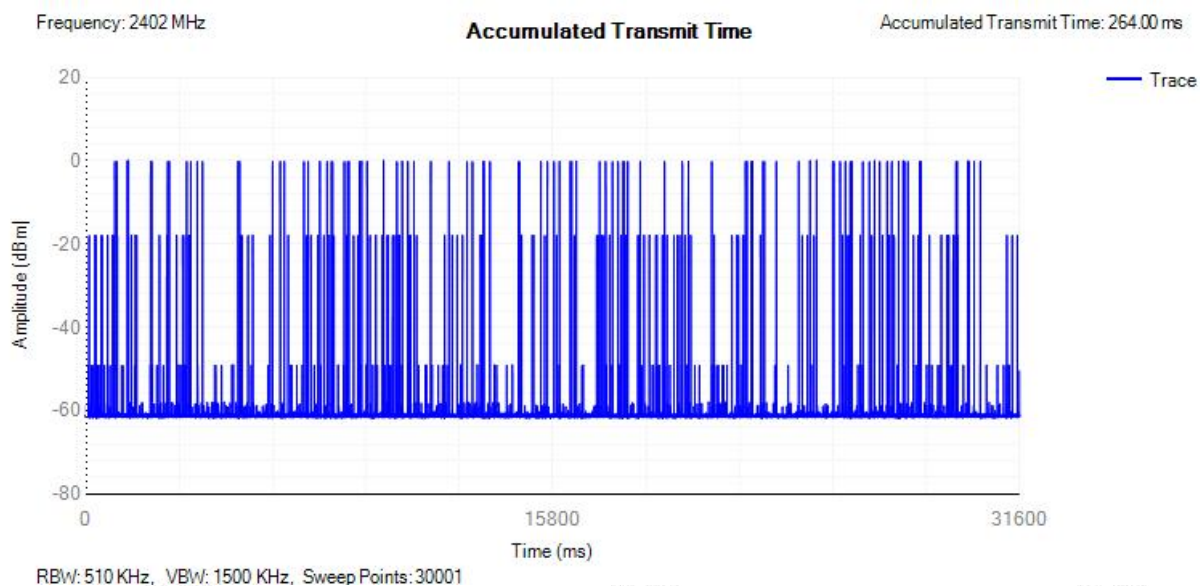




Dwell NVNT 2-DH5 2480MHz



Dwell NVNT 3-DH5 2402MHz



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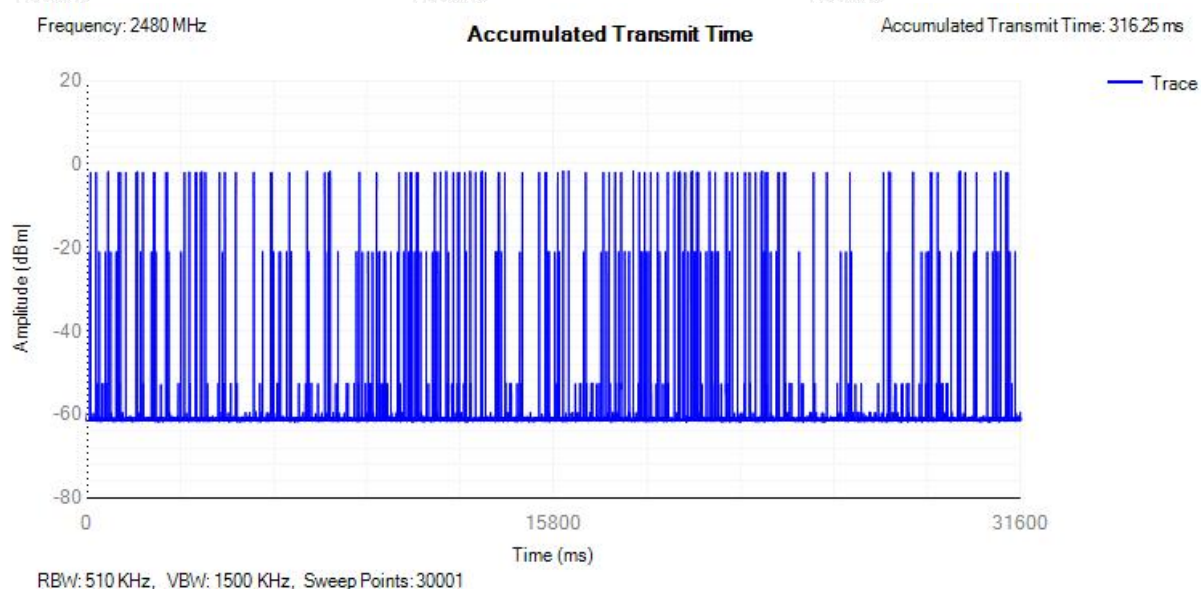
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Scan code to check authenticity



Dwell NVNT 3-DH5 2480MHz

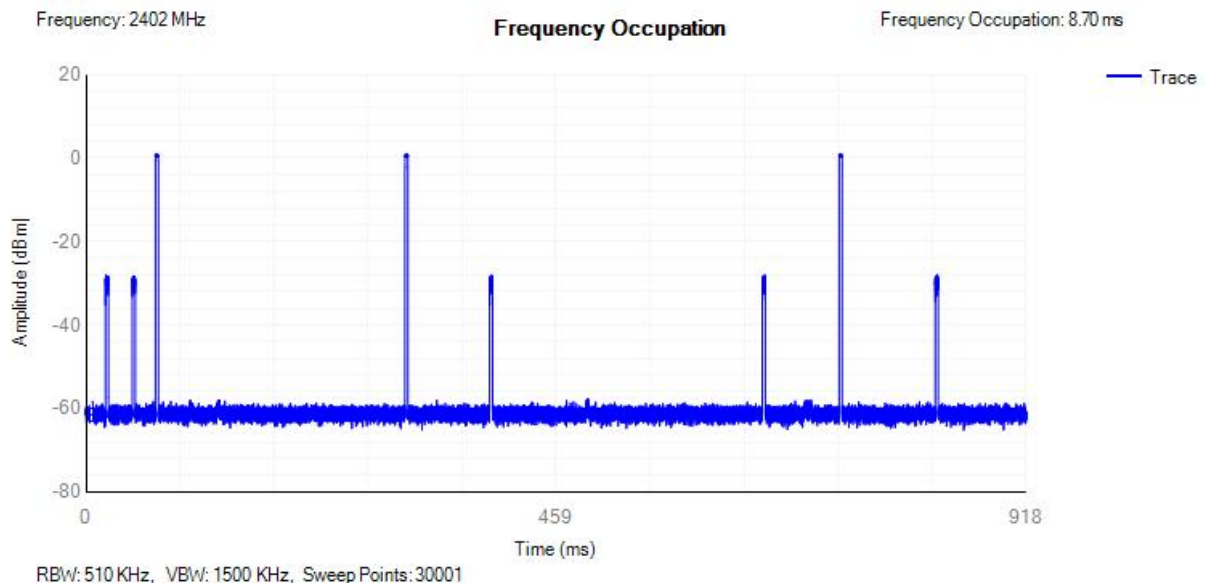




E.3 Frequency Occupation

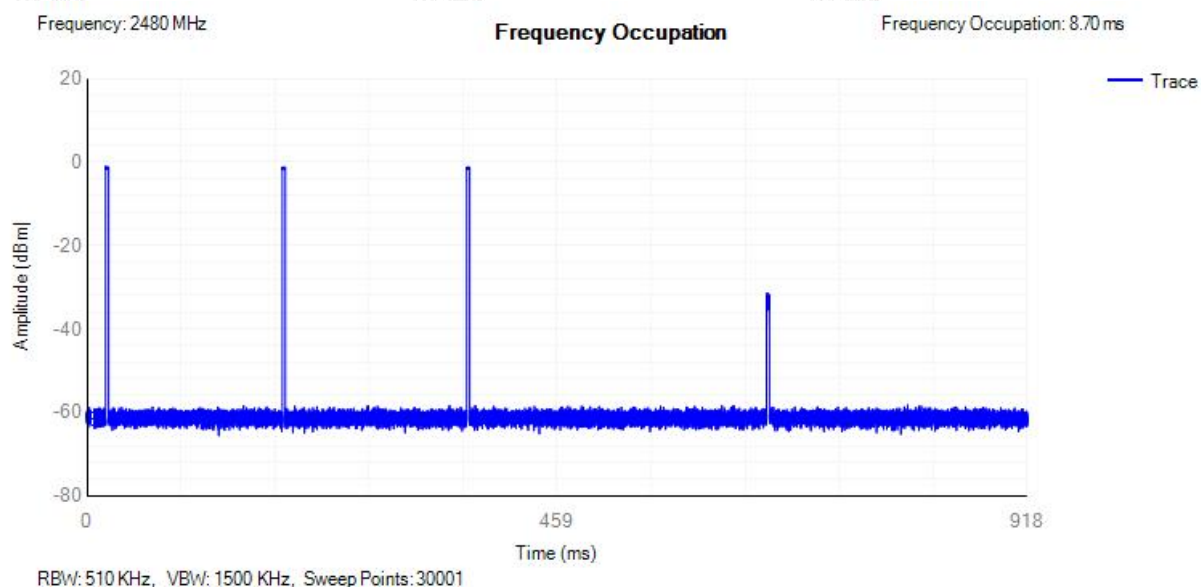
| Condition | Mode | Frequency (MHz) | Frequency Occupation (ms) | Limit (ms) | Sweep Time (ms) | Burst Number | Verdict |
|-----------|-------|-----------------|---------------------------|------------|-----------------|--------------|---------|
| NVNT | 1-DH5 | 2402 | 8.7 | 0 | 916.4 | 3 | Pass |
| NVNT | 1-DH5 | 2480 | 8.7 | 0 | 916.4 | 3 | Pass |
| NVNT | 2-DH5 | 2402 | 11 | 0 | 869 | 4 | Pass |
| NVNT | 2-DH5 | 2480 | 11 | 0 | 869 | 4 | Pass |
| NVNT | 3-DH5 | 2402 | 11 | 0 | 869 | 4 | Pass |
| NVNT | 3-DH5 | 2480 | 5.5 | 0 | 869 | 2 | Pass |

Freq. Occup. NVNT 1-DH5 2402MHz

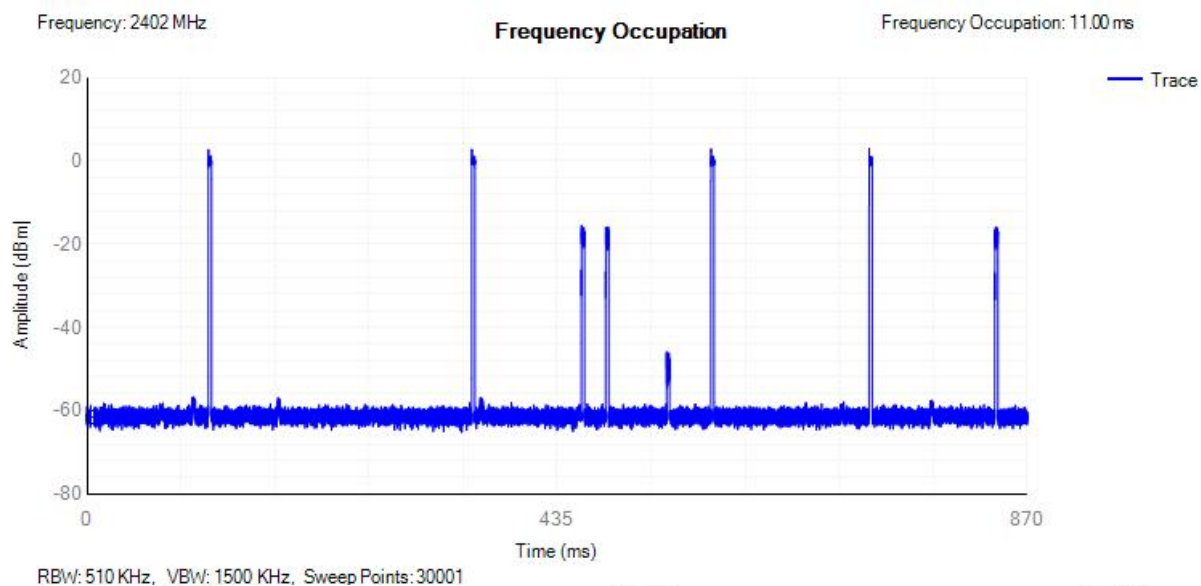




Freq. Occup. NVNT 1-DH5 2480MHz

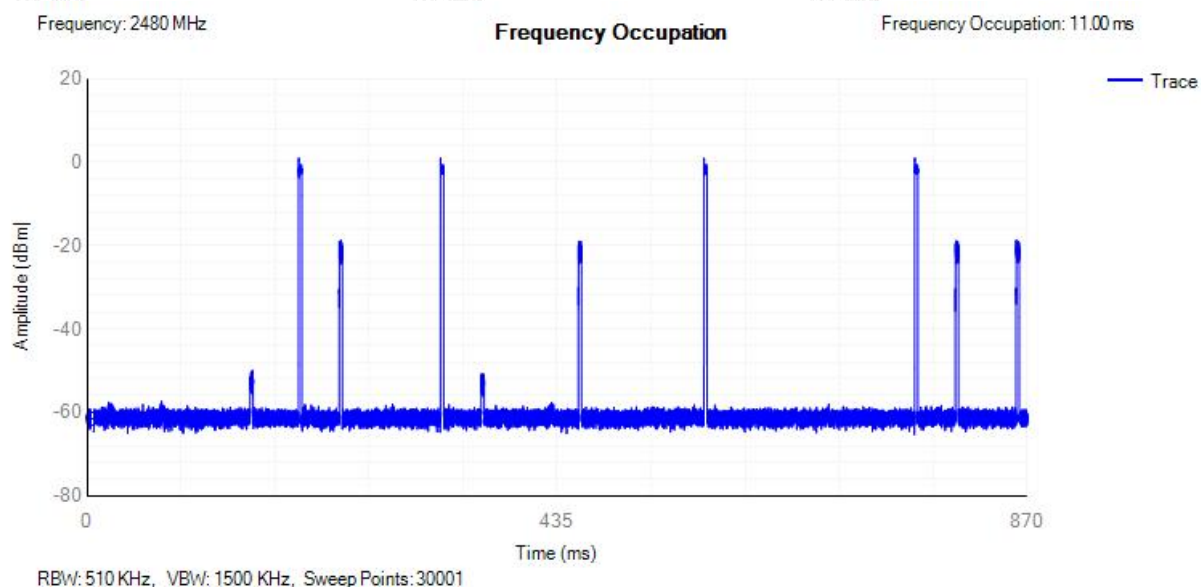


Freq. Occup. NVNT 2-DH5 2402MHz

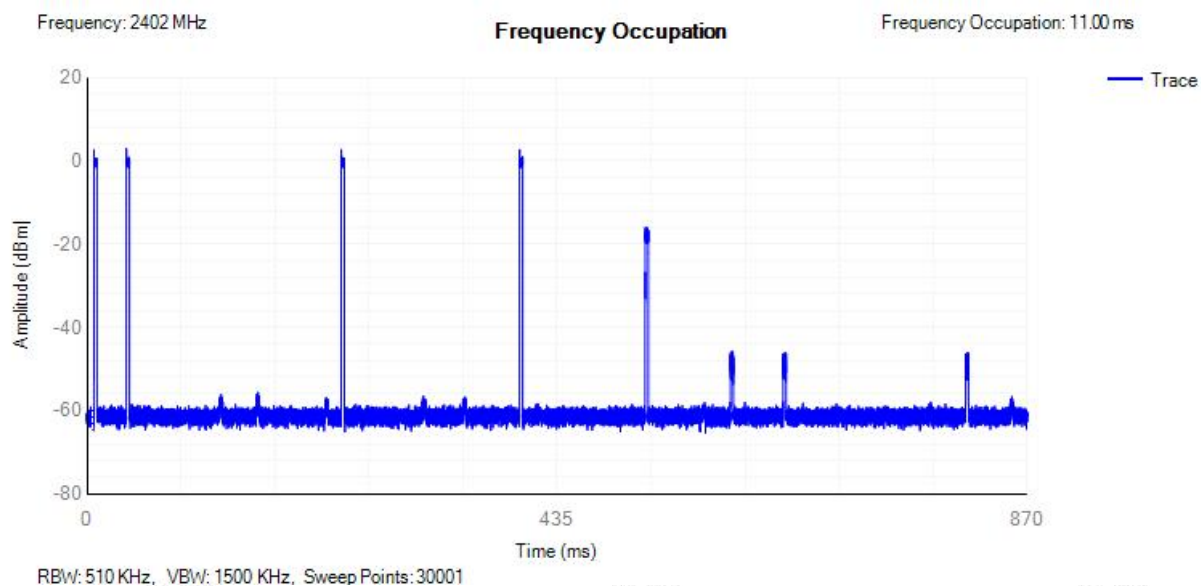




Freq. Occup. NVNT 2-DH5 2480MHz

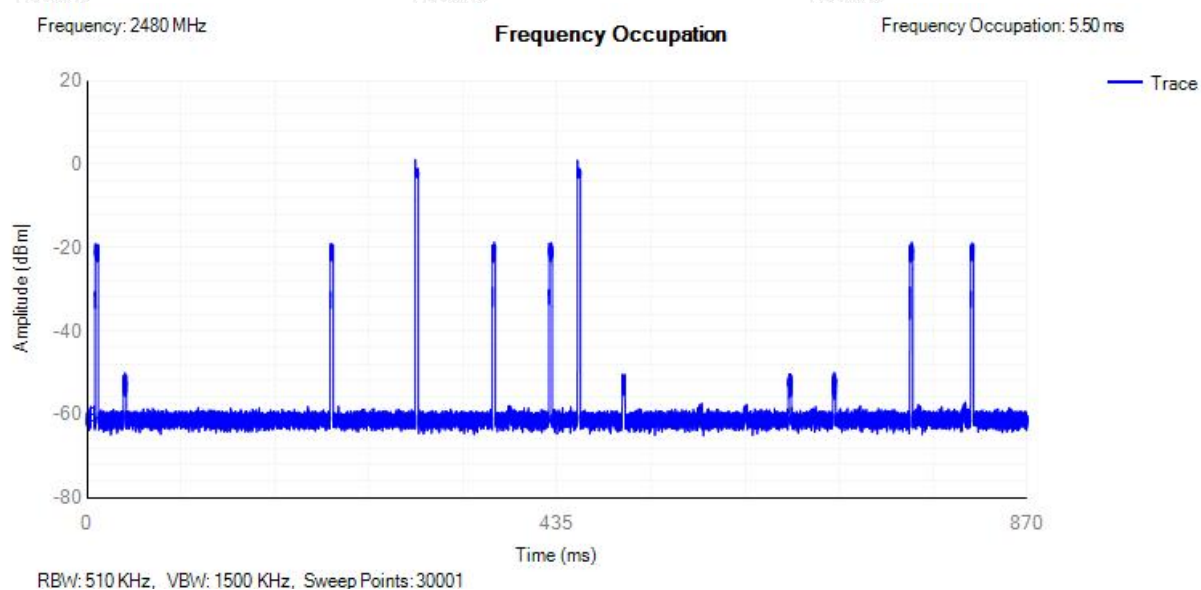


Freq. Occup. NVNT 3-DH5 2402MHz





Freq. Occup. NVNT 3-DH5 2480MHz

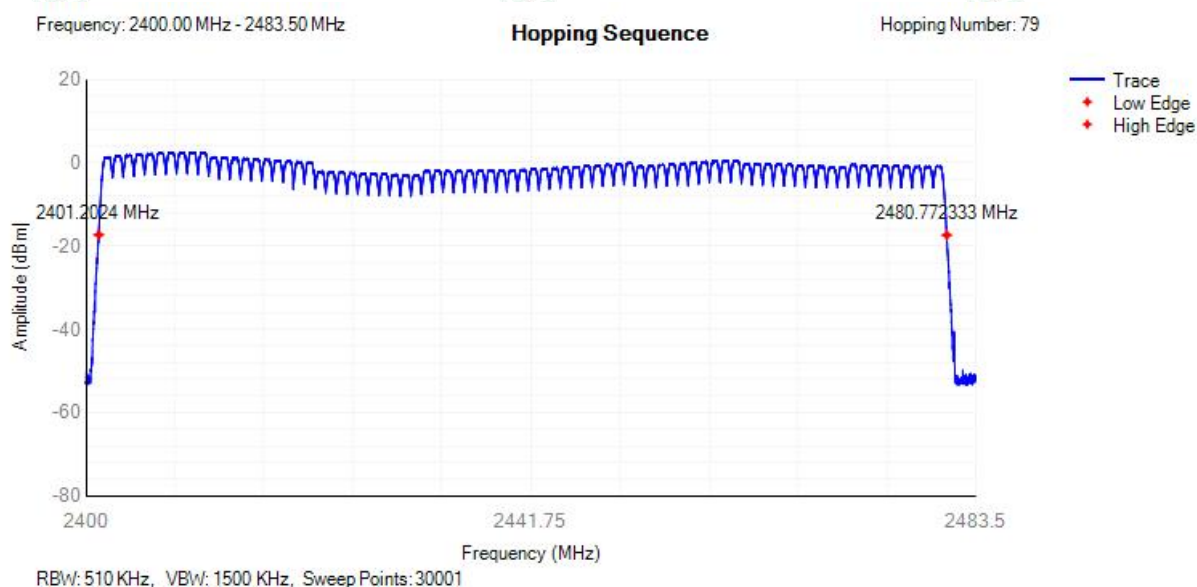




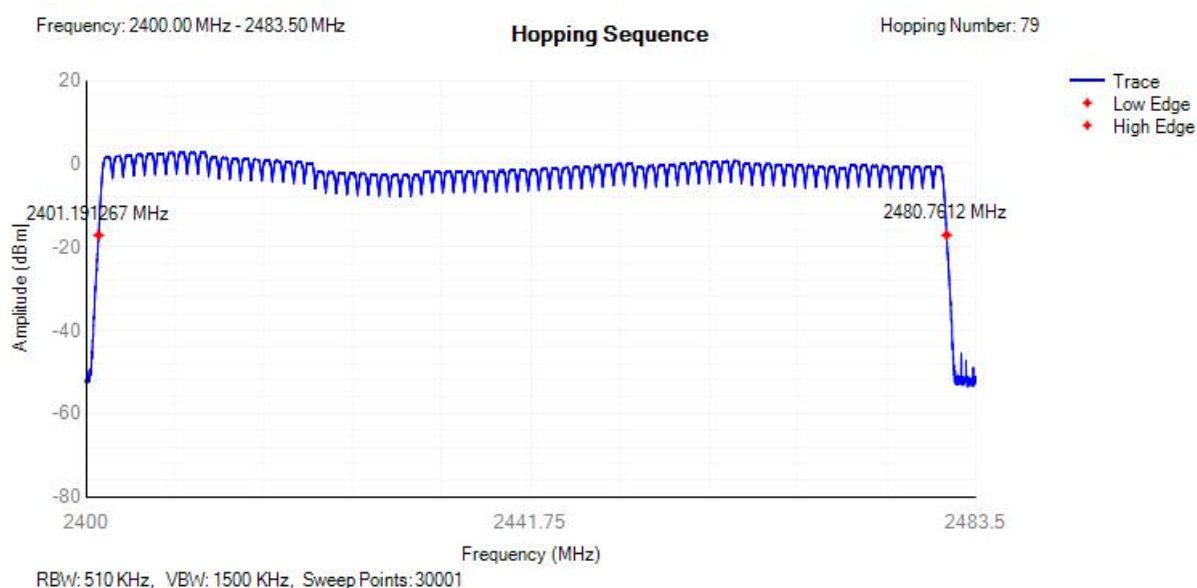
E.4 Hopping Sequence

| Condition | Mode | Hopping Number | Limit | Band Allocation (%) | Limit Band Allocation (%) | Verdict |
|-----------|-------|----------------|-------|---------------------|---------------------------|---------|
| NVNT | 1-DH5 | 79 | 15 | 95.29 | 70 | Pass |
| NVNT | 1-DH5 | 79 | 15 | 95.29 | 70 | Pass |
| NVNT | 2-DH5 | 79 | 15 | 95.88 | 70 | Pass |
| NVNT | 2-DH5 | 79 | 15 | 95.85 | 70 | Pass |
| NVNT | 3-DH5 | 79 | 15 | 95.82 | 70 | Pass |
| NVNT | 3-DH5 | 79 | 15 | 95.85 | 70 | Pass |

Hopping Seq. NVNT 1-DH5 2402MHz

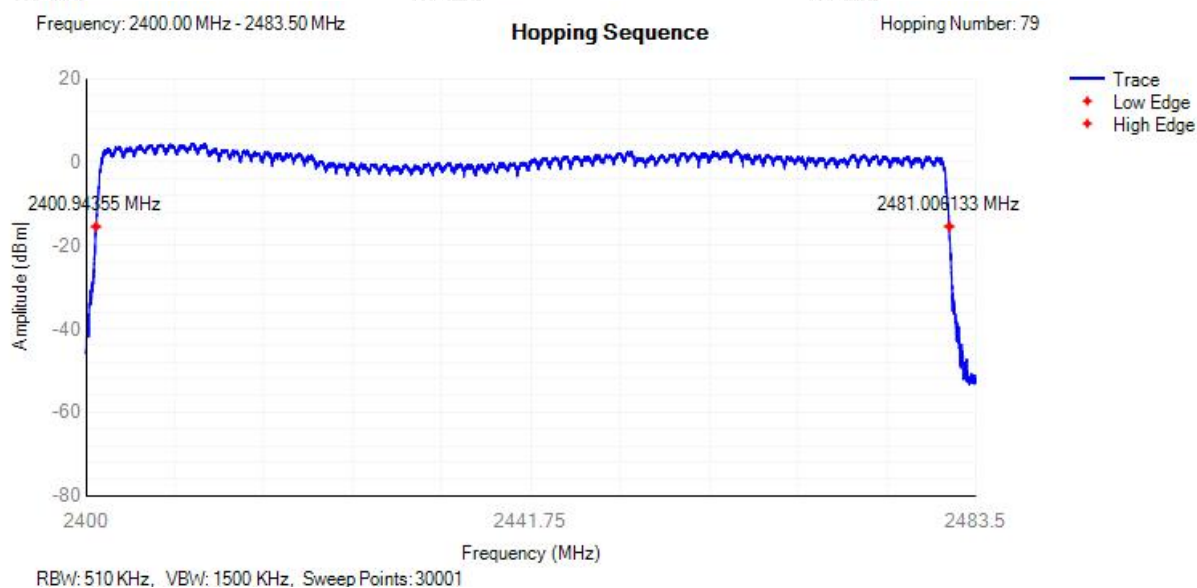


Hopping Seq. NVNT 1-DH5 2480MHz

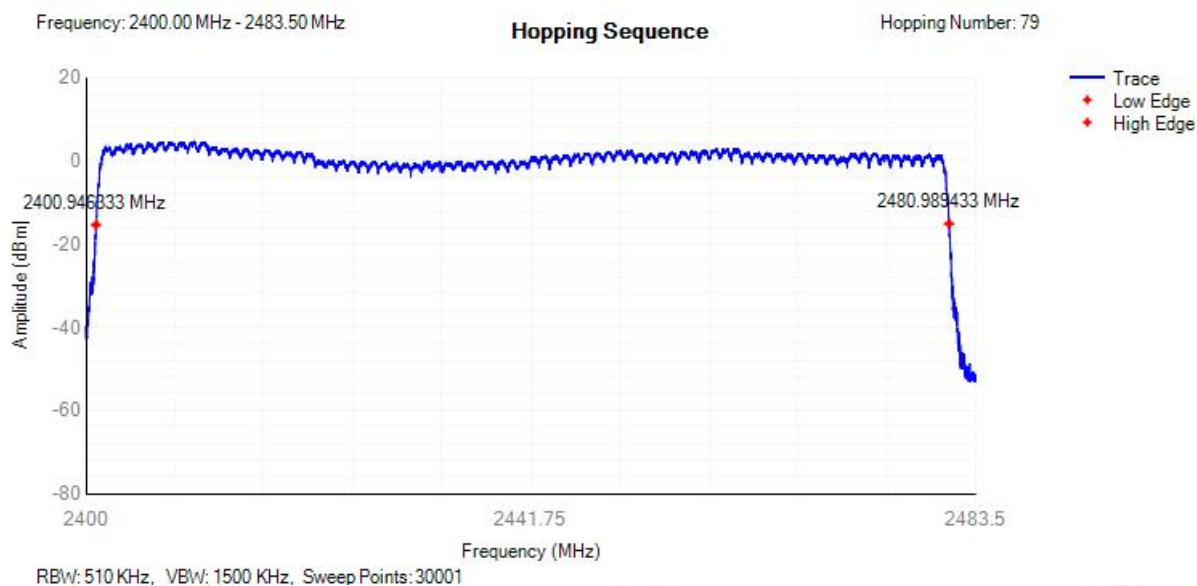




Hopping Seq. NVNT 2-DH5 2402MHz



Hopping Seq. NVNT 2-DH5 2480MHz



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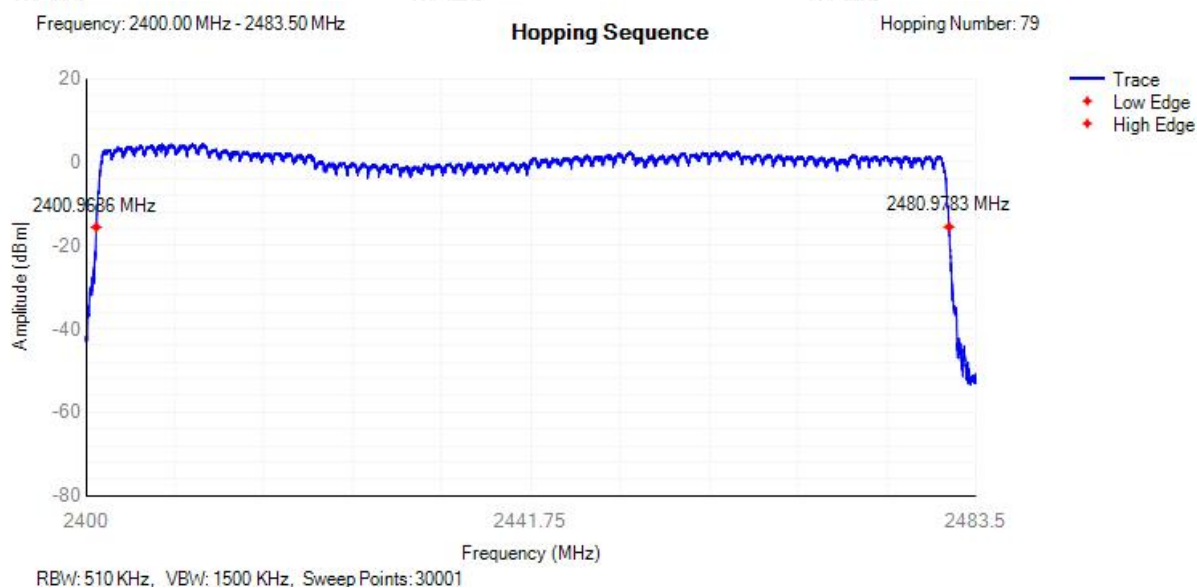
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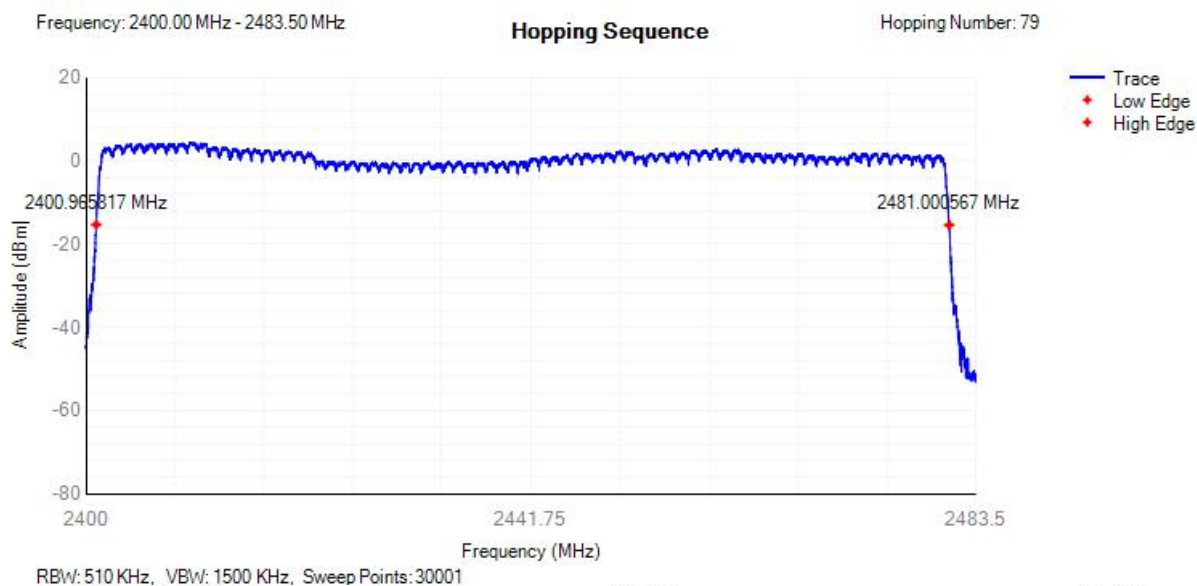
Scan code to check authenticity



Hopping Seq. NVNT 3-DH5 2402MHz



Hopping Seq. NVNT 3-DH5 2480MHz



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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

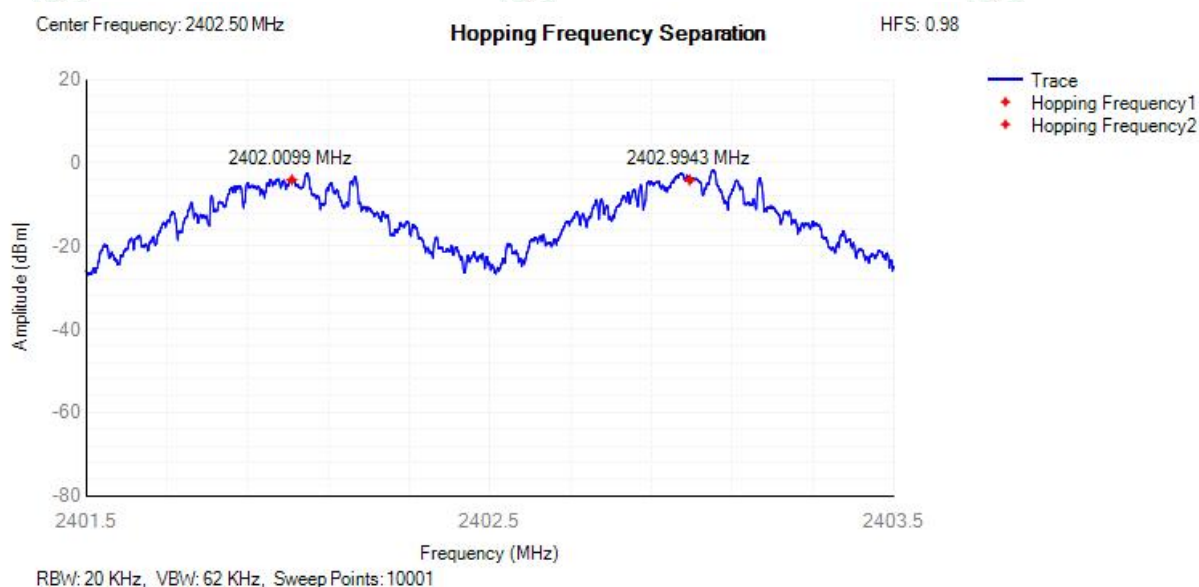
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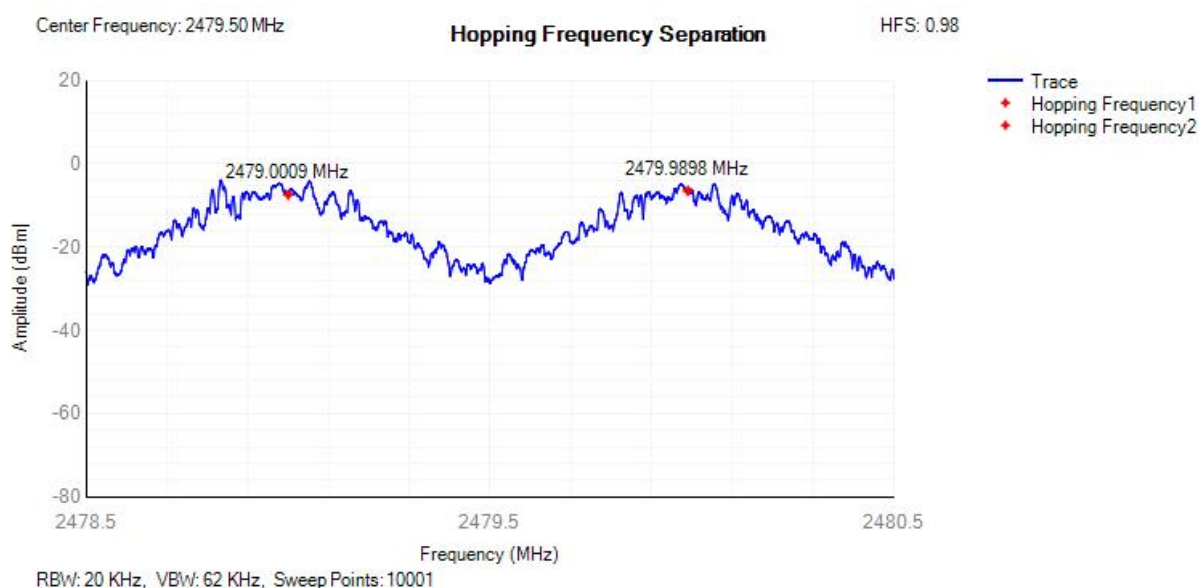
E.5 Hopping Frequency Separation

| Condition | Mode | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------------------|---------------------|-----------|-------------|---------|
| NVNT | 1-DH5 | 2402.0099 | 2402.9943 | 0.98 | 0.1 | Pass |
| NVNT | 1-DH5 | 2479.0009 | 2479.9898 | 0.98 | 0.1 | Pass |
| NVNT | 2-DH5 | 2402.0153 | 2402.9979 | 0.98 | 0.1 | Pass |
| NVNT | 2-DH5 | 2478.8278 | 2479.9983 | 1.17 | 0.1 | Pass |
| NVNT | 3-DH5 | 2402.078 | 2402.9704 | 0.89 | 0.1 | Pass |
| NVNT | 3-DH5 | 2479.1205 | 2480.0024 | 0.88 | 0.1 | Pass |

HFS NVNT 1-DH5 2402MHz

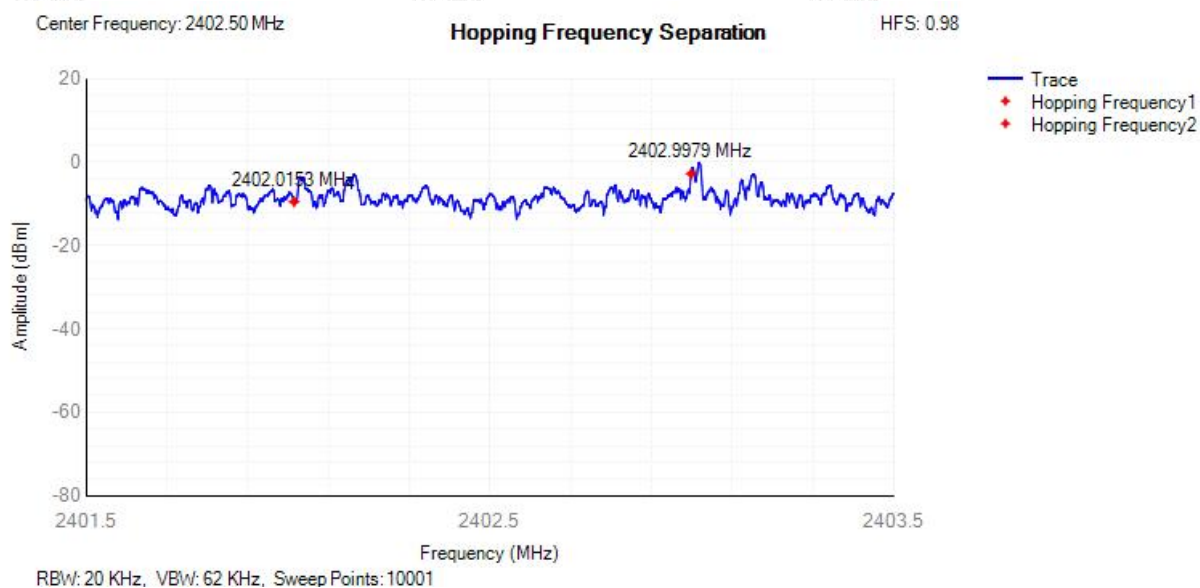


HFS NVNT 1-DH5 2480MHz

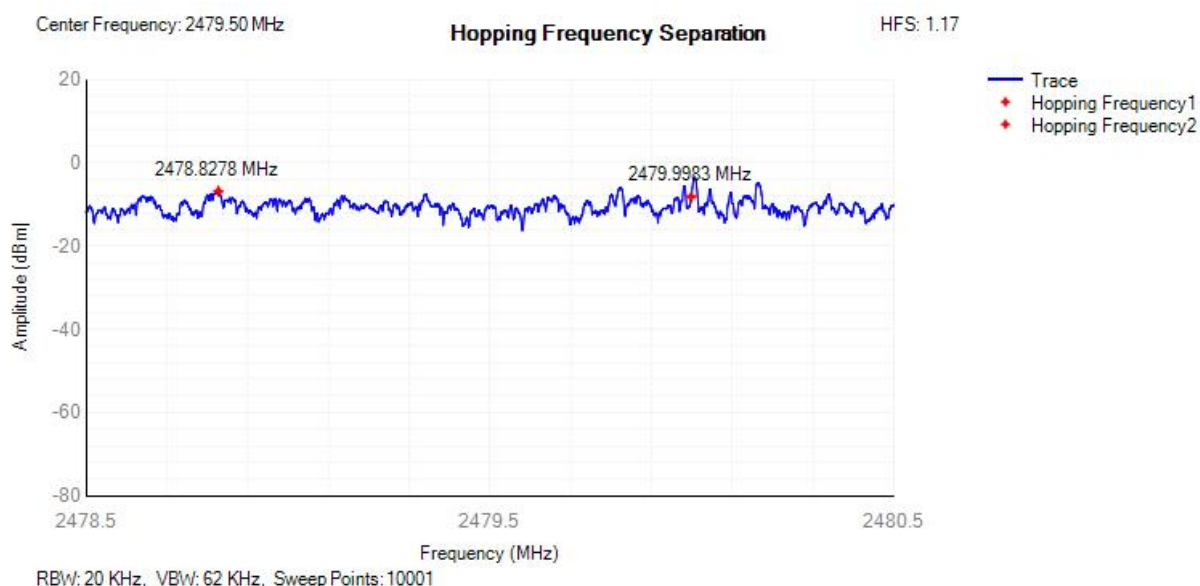




HFS NVNT 2-DH5 2402MHz

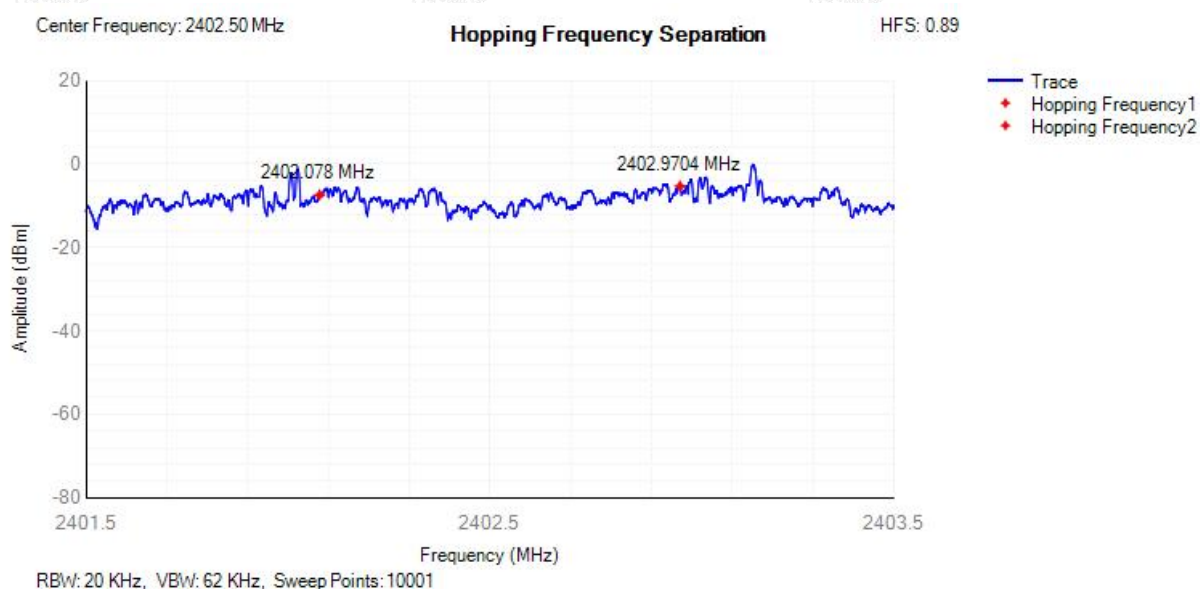


HFS NVNT 2-DH5 2480MHz

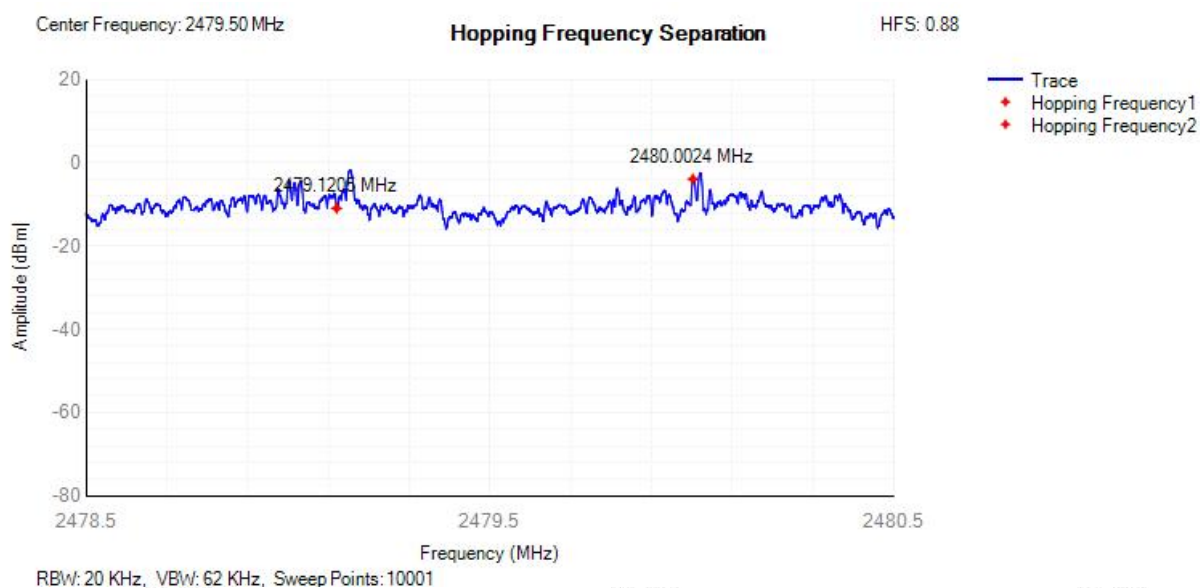




HFS NVNT 3-DH5 2402MHz



HFS NVNT 3-DH5 2480MHz

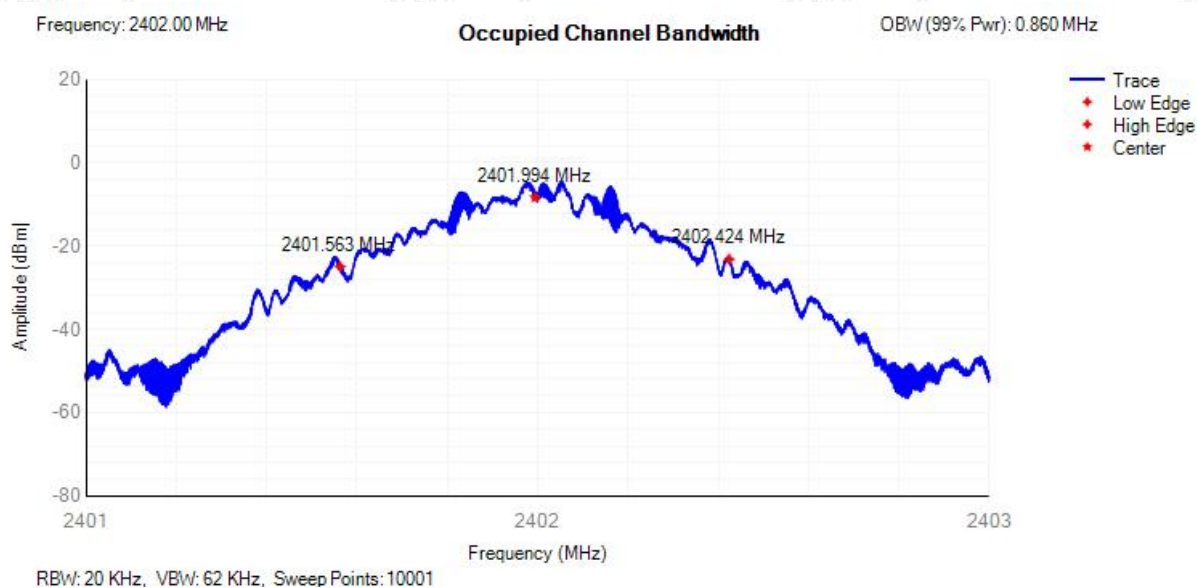




E.6 Occupied Channel Bandwidth

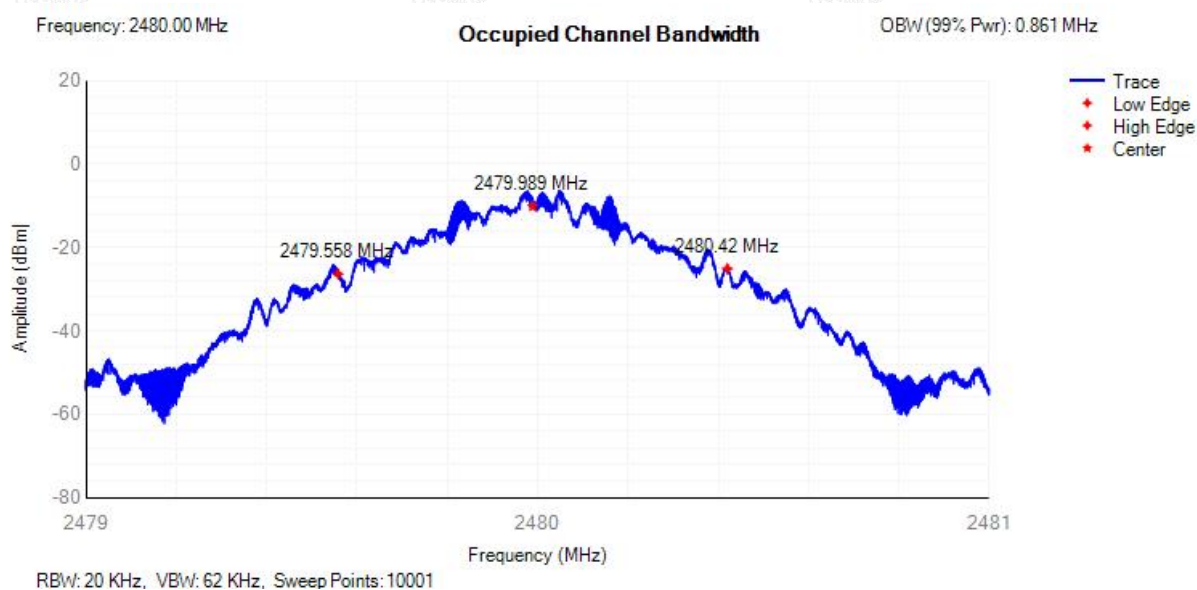
| Condition | Mode | Frequency (MHz) | Center Frequency (MHz) | OBW (MHz) | Lower Edge (MHz) | Upper Edge (MHz) | Limit OBW (MHz) | Verdict |
|-----------|-------|-----------------|------------------------|-----------|------------------|------------------|------------------|---------|
| NVNT | 1-DH5 | 2402 | 2401.994 | 0.86 | 2401.563 | 2402.424 | 2400 - 2483.5MHz | Pass |
| NVNT | 1-DH5 | 2480 | 2479.989 | 0.861 | 2479.558 | 2480.42 | 2400 - 2483.5MHz | Pass |
| NVNT | 2-DH5 | 2402 | 2401.991 | 1.181 | 2401.401 | 2402.582 | 2400 - 2483.5MHz | Pass |
| NVNT | 2-DH5 | 2480 | 2479.989 | 1.179 | 2479.399 | 2480.579 | 2400 - 2483.5MHz | Pass |
| NVNT | 3-DH5 | 2402 | 2401.987 | 1.193 | 2401.39 | 2402.584 | 2400 - 2483.5MHz | Pass |
| NVNT | 3-DH5 | 2480 | 2479.985 | 1.193 | 2479.389 | 2480.582 | 2400 - 2483.5MHz | Pass |

OBW NVNT 1-DH5 2402MHz

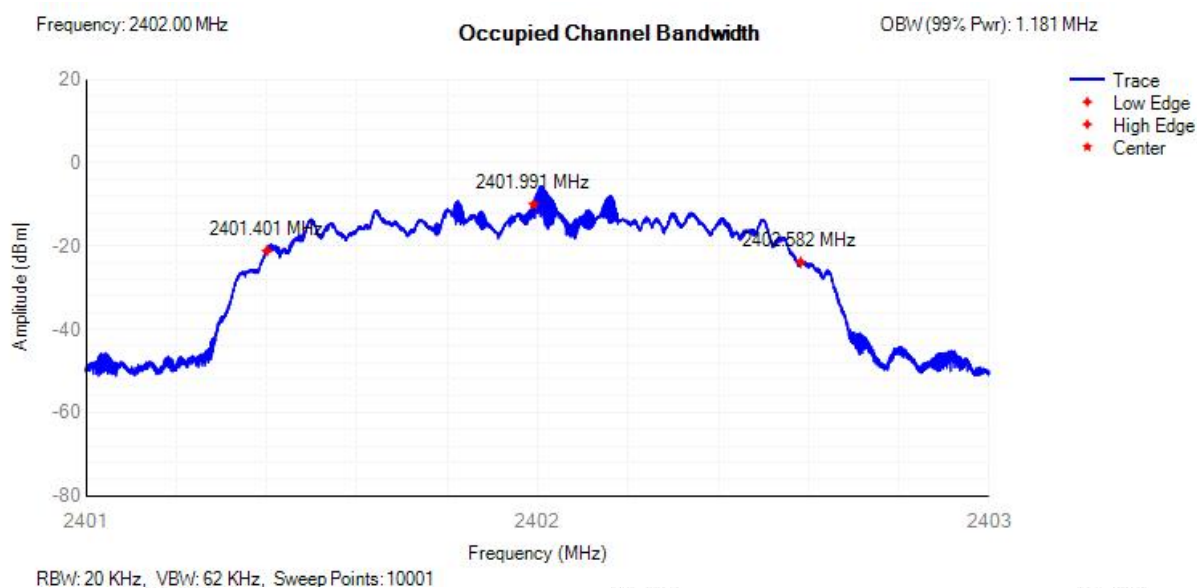




OBW NVNT 1-DH5 2480MHz

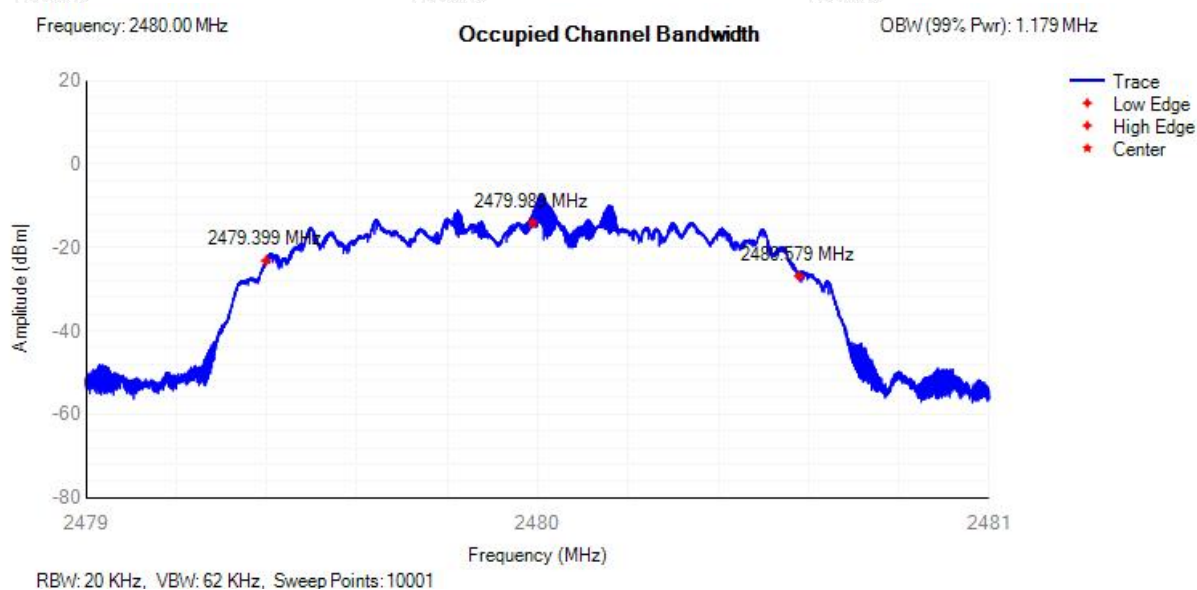


OBW NVNT 2-DH5 2402MHz

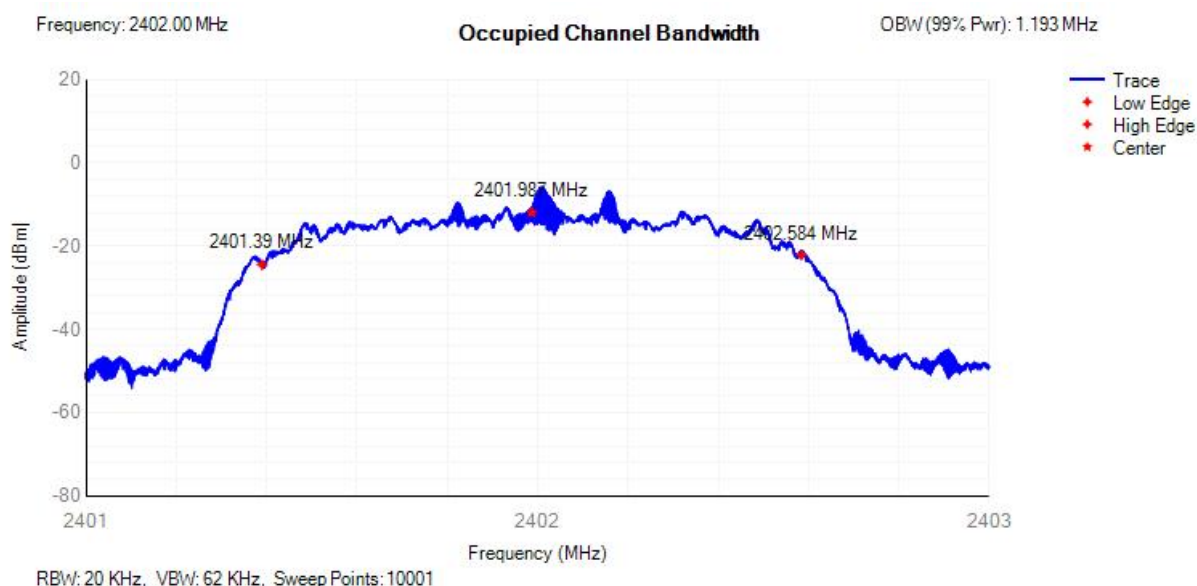




OBW NVNT 2-DH5 2480MHz

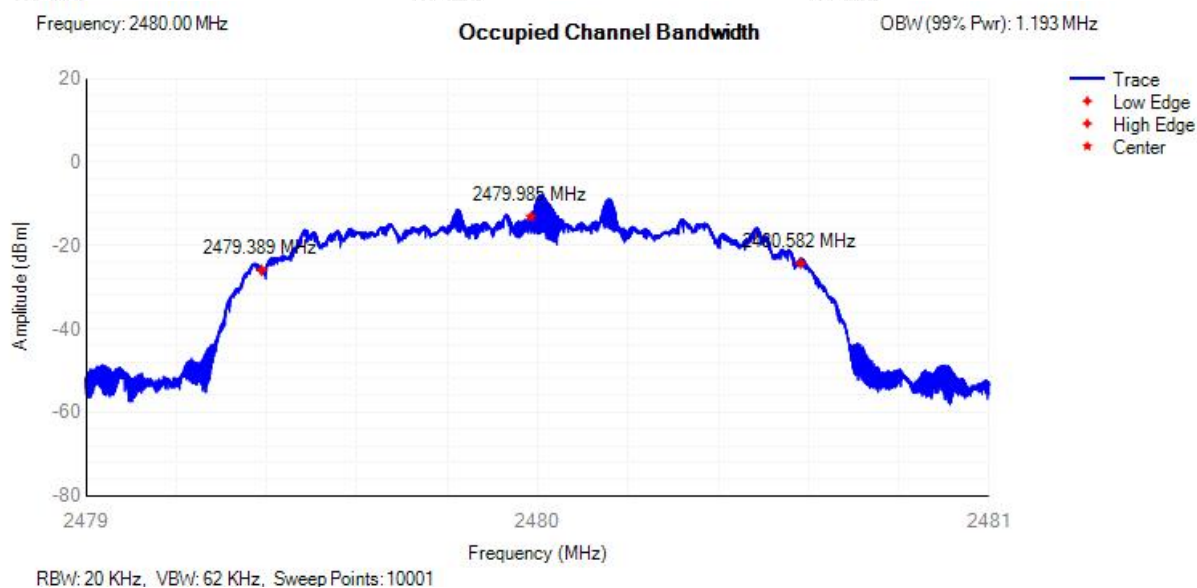


OBW NVNT 3-DH5 2402MHz





OBW NVNT 3-DH5 2480MHz





E.7 Transmitter unwanted emissions in the out-of-band domain

| Condition | Mode | Frequency (MHz) | OOB Frequency (MHz) | Level (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|-----------|-------|-----------------|---------------------|-----------------|-----------------|---------|
| NVNT | 1-DH5 | 2402 | 2399.5 | -76.29 | -10 | Pass |
| NVNT | 1-DH5 | 2402 | 2398.5 | -76.11 | -20 | Pass |
| NVNT | 1-DH5 | 2402 | 2484 | -72.93 | -10 | Pass |
| NVNT | 1-DH5 | 2402 | 2485 | -76.45 | -20 | Pass |
| NVNT | 1-DH5 | 2480 | 2399.5 | -77.09 | -10 | Pass |
| NVNT | 1-DH5 | 2480 | 2398.5 | -76.93 | -20 | Pass |
| NVNT | 1-DH5 | 2480 | 2484 | -77.54 | -10 | Pass |
| NVNT | 1-DH5 | 2480 | 2485 | -77.07 | -20 | Pass |
| NVNT | 2-DH5 | 2402 | 2399.5 | -50.52 | -10 | Pass |
| NVNT | 2-DH5 | 2402 | 2399.319 | -74.35 | -10 | Pass |
| NVNT | 2-DH5 | 2402 | 2398.319 | -76.44 | -20 | Pass |
| NVNT | 2-DH5 | 2402 | 2398.138 | -70.02 | -20 | Pass |
| NVNT | 2-DH5 | 2402 | 2484 | -68.38 | -10 | Pass |
| NVNT | 2-DH5 | 2402 | 2484.179 | -76.81 | -10 | Pass |
| NVNT | 2-DH5 | 2402 | 2485.179 | -73.95 | -20 | Pass |
| NVNT | 2-DH5 | 2402 | 2485.358 | -77.56 | -20 | Pass |
| NVNT | 2-DH5 | 2480 | 2399.5 | -50.36 | -10 | Pass |
| NVNT | 2-DH5 | 2480 | 2399.319 | -71.16 | -10 | Pass |
| NVNT | 2-DH5 | 2480 | 2398.319 | -60.4 | -20 | Pass |
| NVNT | 2-DH5 | 2480 | 2398.138 | -60.99 | -20 | Pass |
| NVNT | 2-DH5 | 2480 | 2484 | -69.77 | -10 | Pass |
| NVNT | 2-DH5 | 2480 | 2484.179 | -77.42 | -10 | Pass |
| NVNT | 2-DH5 | 2480 | 2485.179 | -73.64 | -20 | Pass |
| NVNT | 2-DH5 | 2480 | 2485.358 | -77.06 | -20 | Pass |
| NVNT | 3-DH5 | 2402 | 2399.5 | -77.44 | -10 | Pass |
| NVNT | 3-DH5 | 2402 | 2399.307 | -74.86 | -10 | Pass |
| NVNT | 3-DH5 | 2402 | 2398.307 | -74.62 | -20 | Pass |
| NVNT | 3-DH5 | 2402 | 2398.114 | -61.04 | -20 | Pass |
| NVNT | 3-DH5 | 2402 | 2484 | -72.63 | -10 | Pass |
| NVNT | 3-DH5 | 2402 | 2484.193 | -70.27 | -10 | Pass |
| NVNT | 3-DH5 | 2402 | 2485.193 | -77.13 | -20 | Pass |
| NVNT | 3-DH5 | 2402 | 2485.386 | -70.74 | -20 | Pass |
| NVNT | 3-DH5 | 2480 | 2399.5 | -50.35 | -10 | Pass |
| NVNT | 3-DH5 | 2480 | 2399.307 | -75.94 | -10 | Pass |
| NVNT | 3-DH5 | 2480 | 2398.307 | -63.26 | -20 | Pass |



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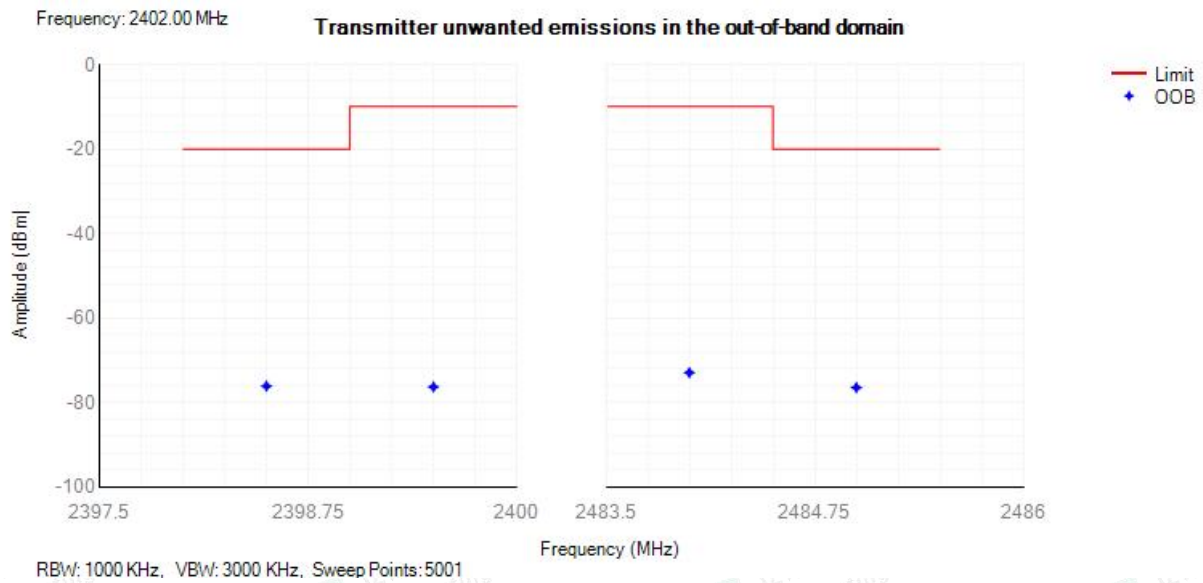
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Scan code to check authenticity

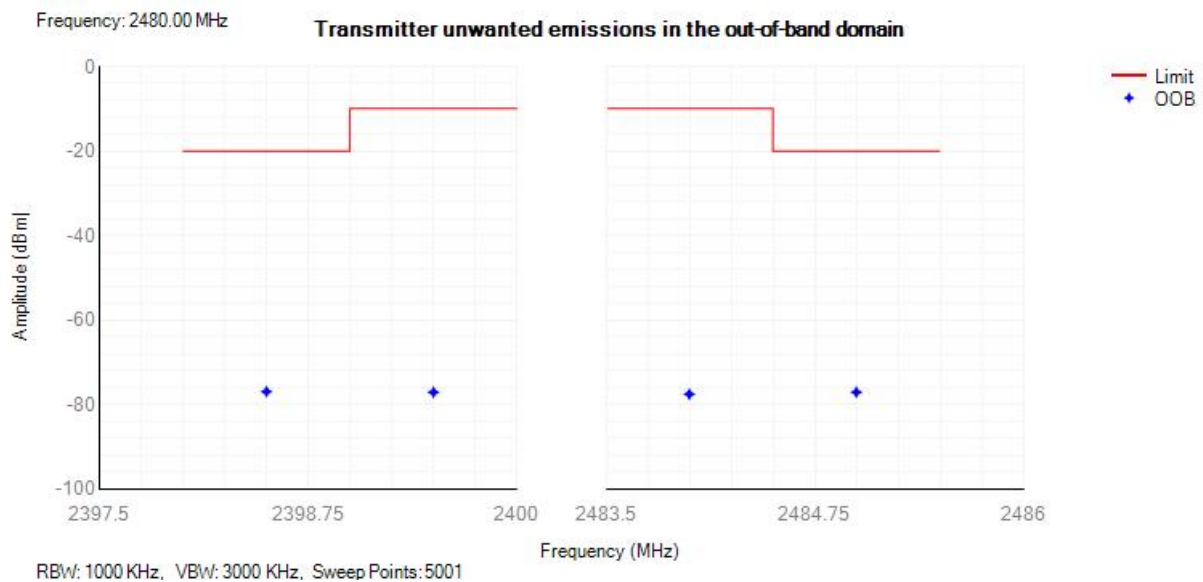


| | | | | | | |
|------|-------|------|----------|--------|-----|------|
| NVNT | 3-DH5 | 2480 | 2398.114 | -77.38 | -20 | Pass |
| NVNT | 3-DH5 | 2480 | 2484 | -77.23 | -10 | Pass |
| NVNT | 3-DH5 | 2480 | 2484.193 | -69.61 | -10 | Pass |
| NVNT | 3-DH5 | 2480 | 2485.193 | -68.73 | -20 | Pass |
| NVNT | 3-DH5 | 2480 | 2485.386 | -77.35 | -20 | Pass |

Tx. Emissions OOB NVNT 1-DH5 2402MHz

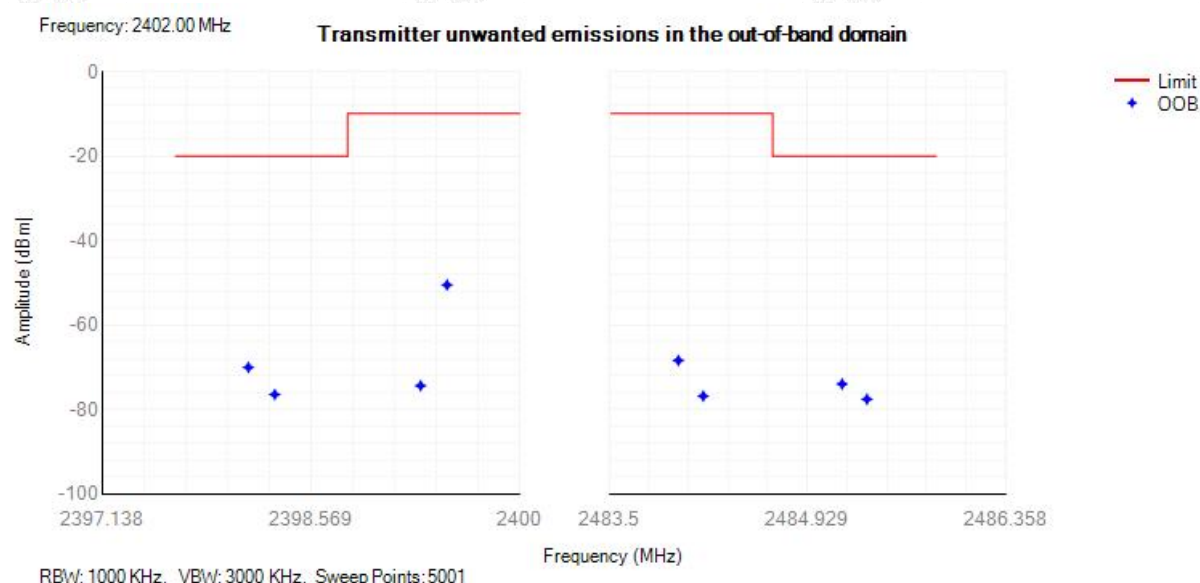


Tx. Emissions OOB NVNT 1-DH5 2480MHz

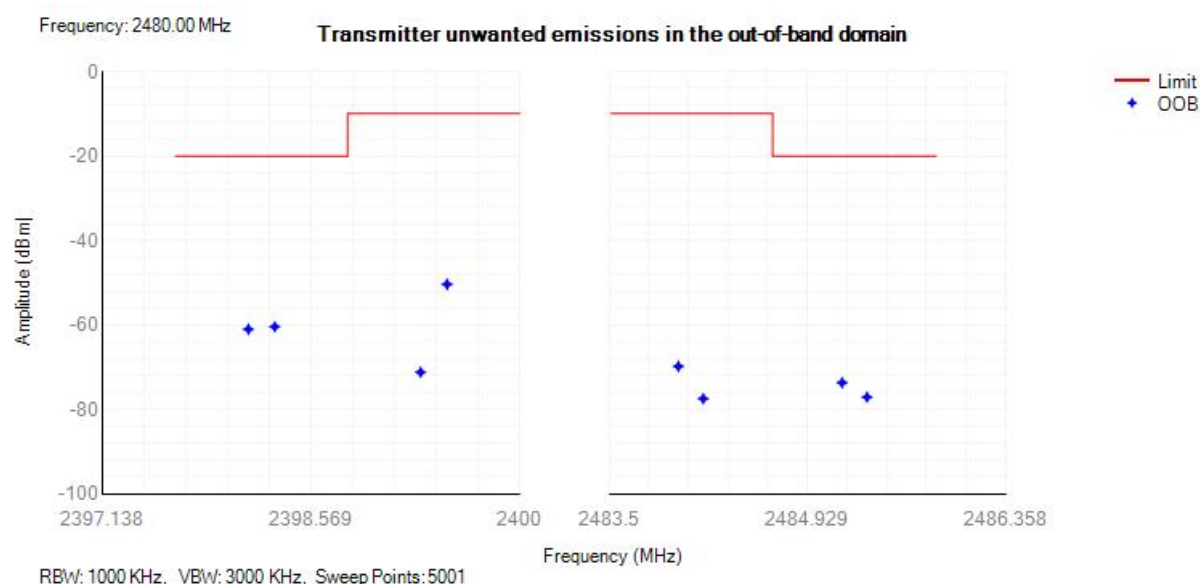




Tx. Emissions OOB NVNT 2-DH5 2402MHz

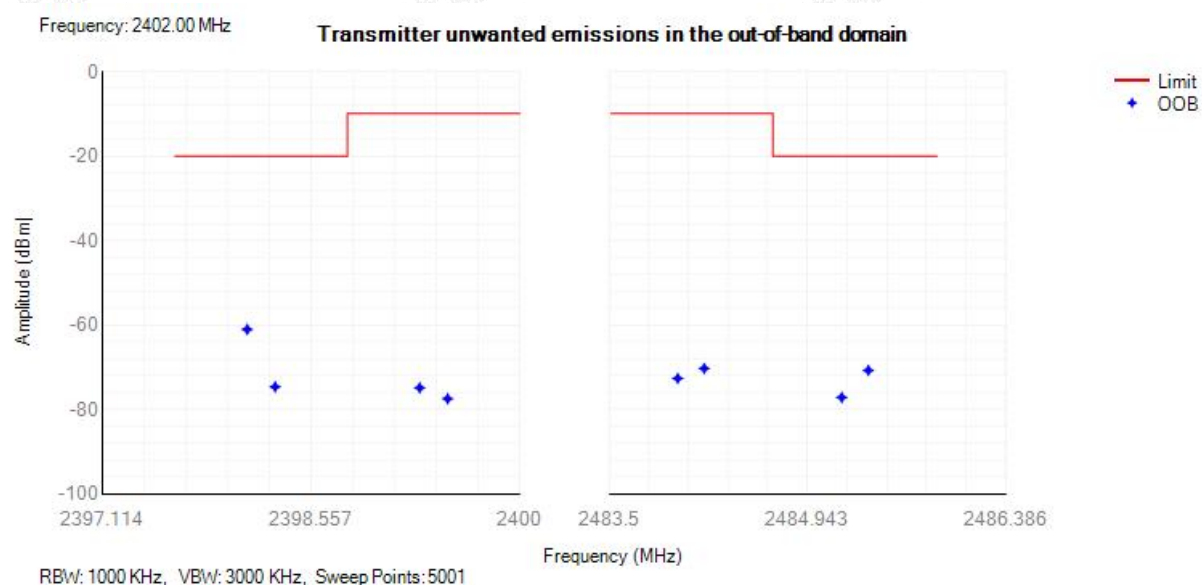


Tx. Emissions OOB NVNT 2-DH5 2480MHz

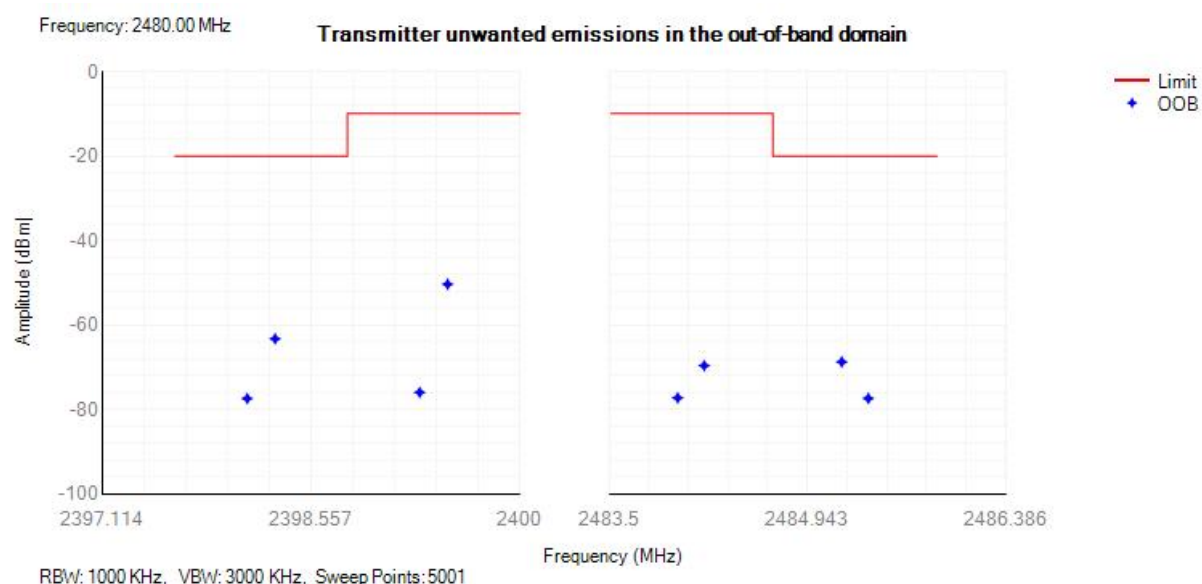




Tx. Emissions OOB NVNT 3-DH5 2402MHz



Tx. Emissions OOB NVNT 3-DH5 2480MHz

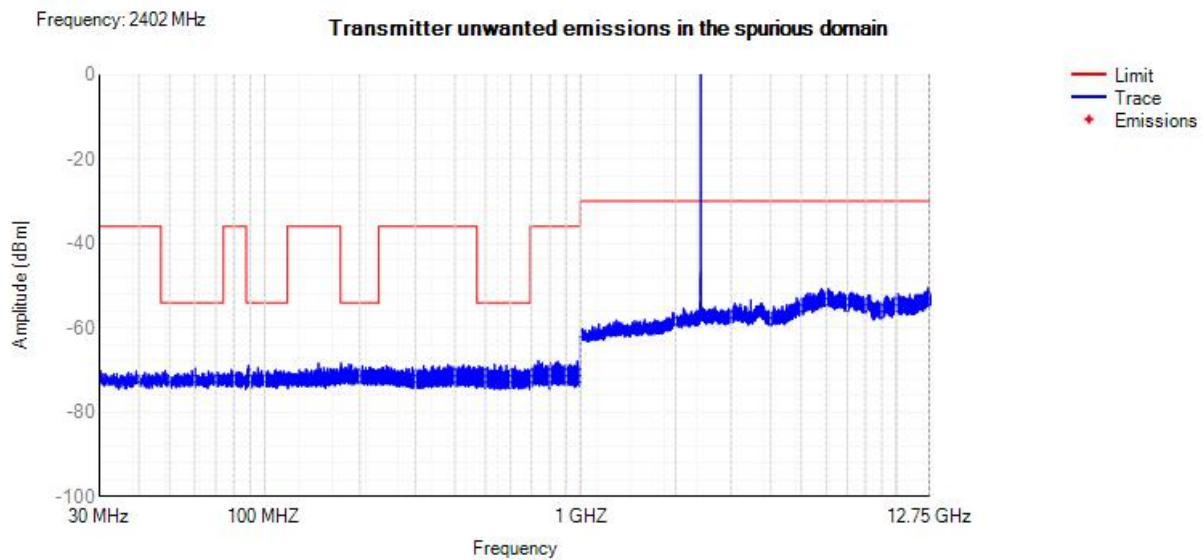




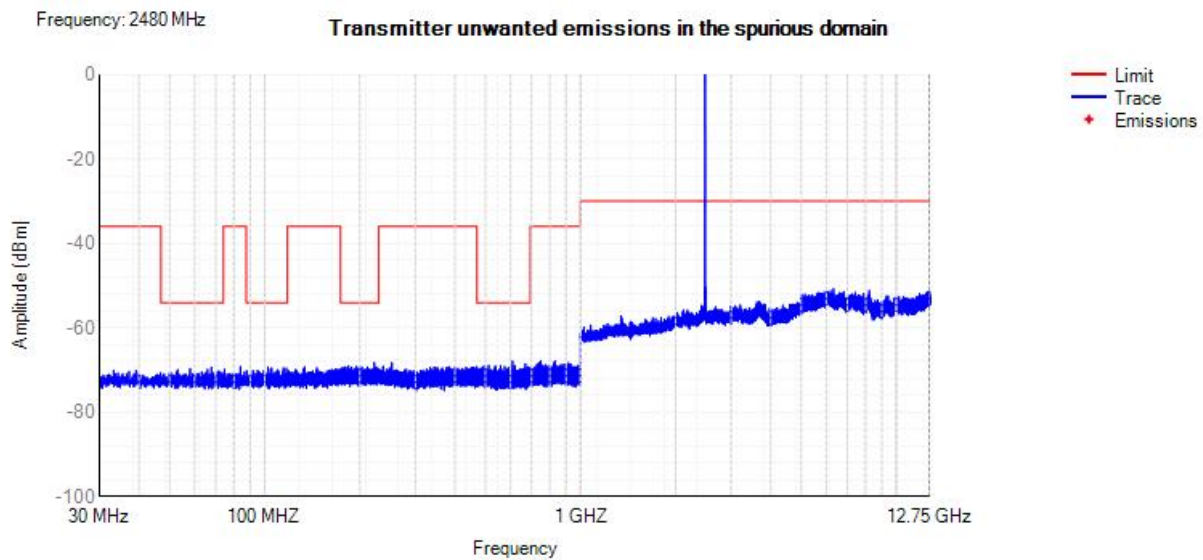
E.8 Transmitter unwanted emissions in the spurious domain

| Condition | Mode | Frequency (MHz) | Range | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|-------|-----------------|------------------|-------------|---------|
|-----------|------|-----------------|-------|-----------------|------------------|-------------|---------|

Tx. Spurious NVNT 1-DH5 2402MHz

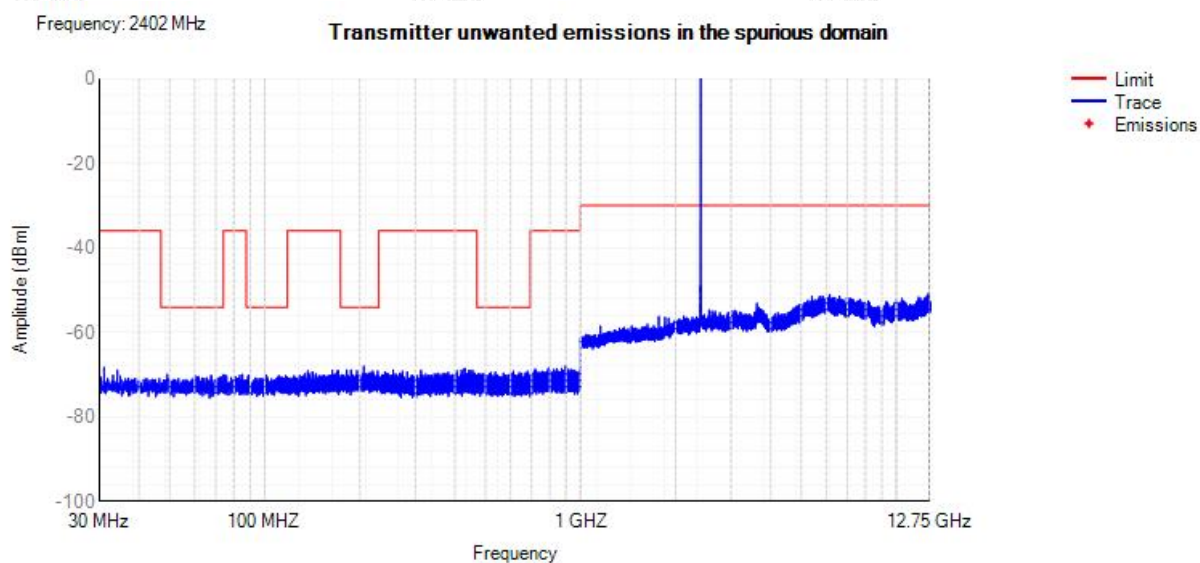


Tx. Spurious NVNT 1-DH5 2480MHz

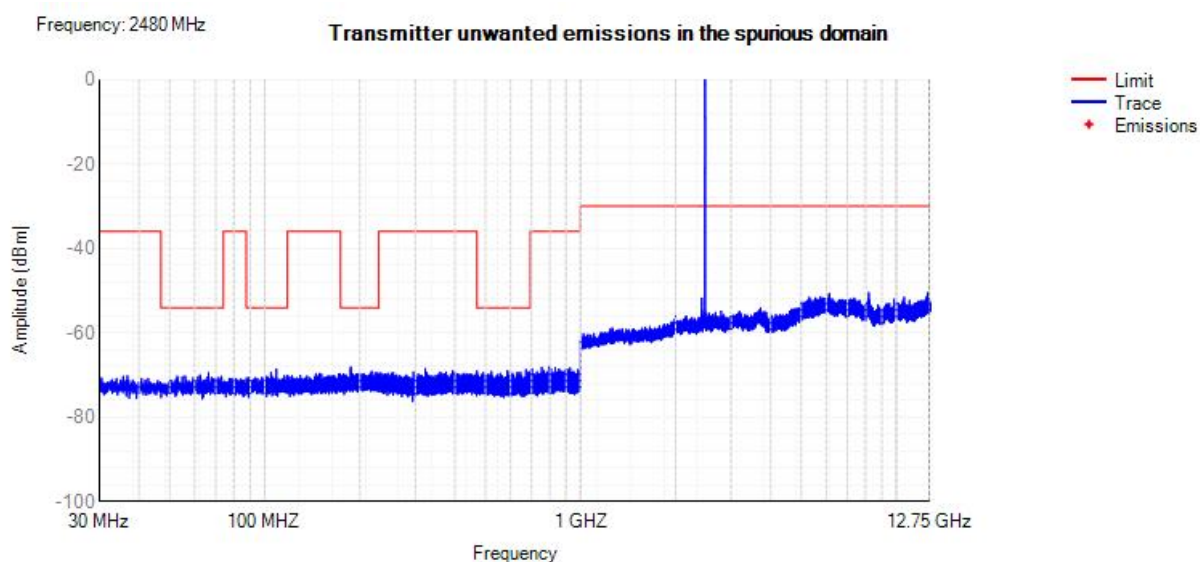




Tx. Spurious NVNT 2-DH5 2402MHz



Tx. Spurious NVNT 2-DH5 2480MHz

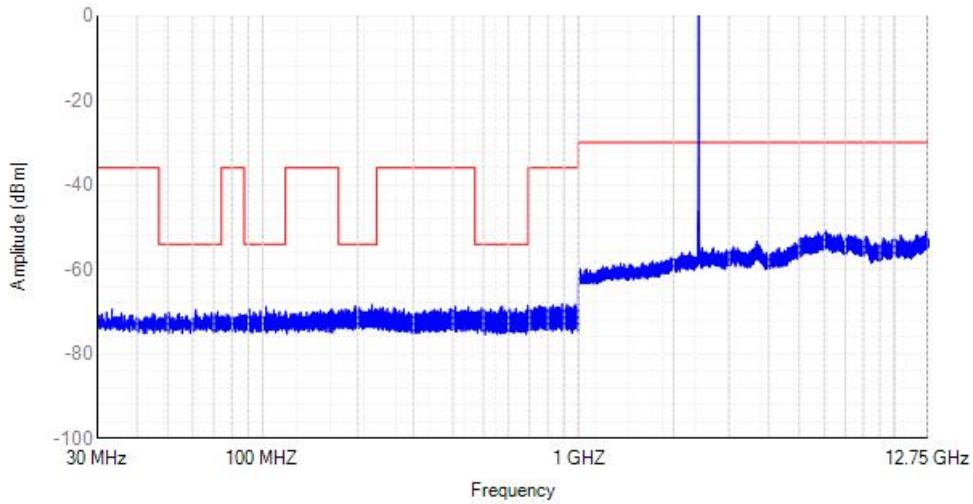




Tx. Spurious NVNT 3-DH5 2402MHz

Frequency: 2402 MHz

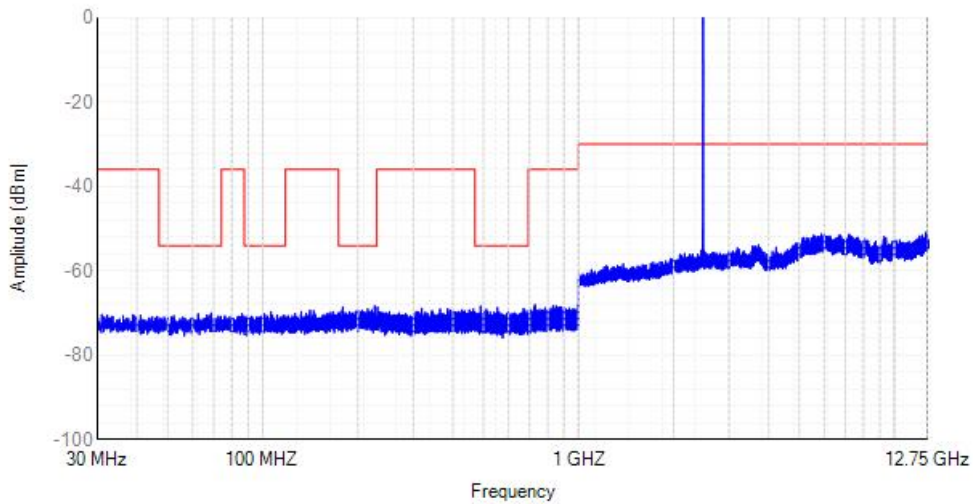
Transmitter unwanted emissions in the spurious domain



Tx. Spurious NVNT 3-DH5 2480MHz

Frequency: 2480 MHz

Transmitter unwanted emissions in the spurious domain

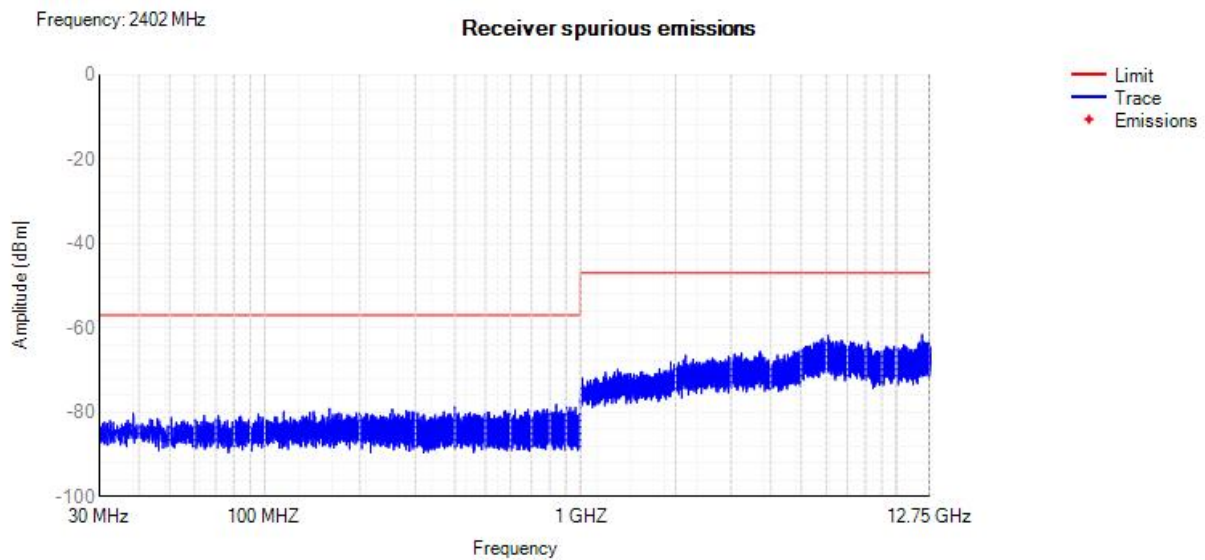




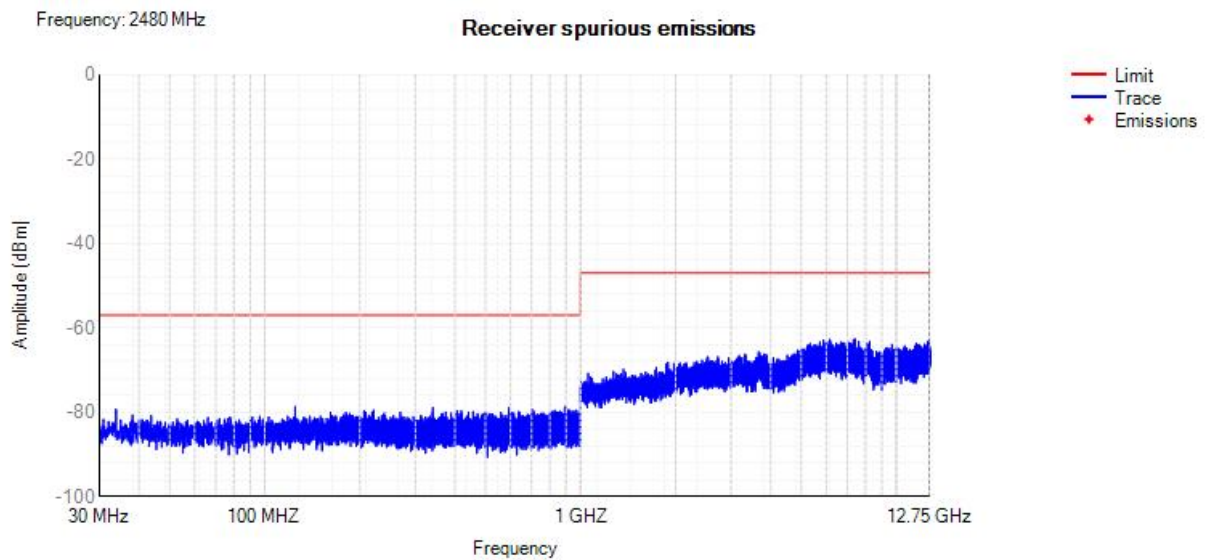
E.9 Receiver spurious emissions

| Condition | Mode | Frequency (MHz) | Range | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|-------|-----------------|------------------|-------------|---------|
|-----------|------|-----------------|-------|-----------------|------------------|-------------|---------|

Rx. Spurious NVNT 1-DH5 2402MHz

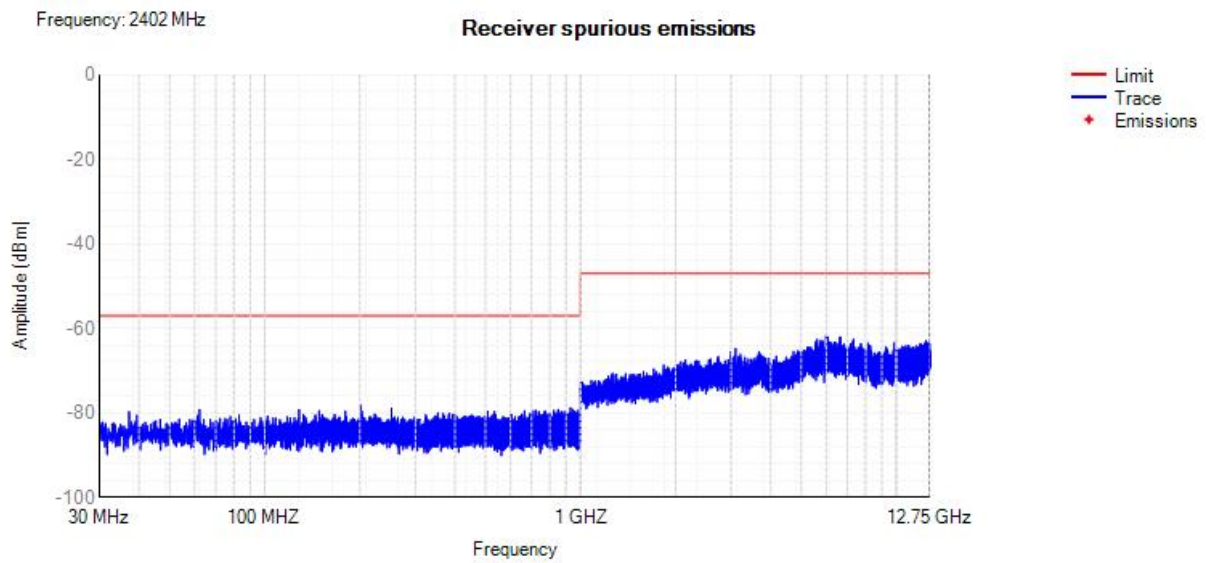


Rx. Spurious NVNT 1-DH5 2480MHz

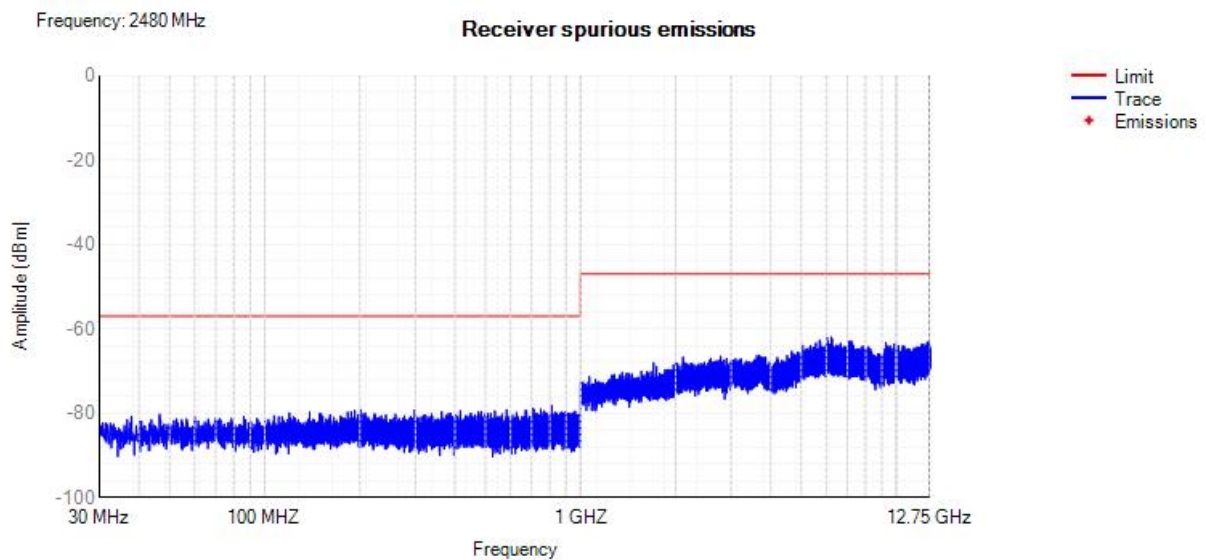




Rx. Spurious NVNT 2-DH5 2402MHz

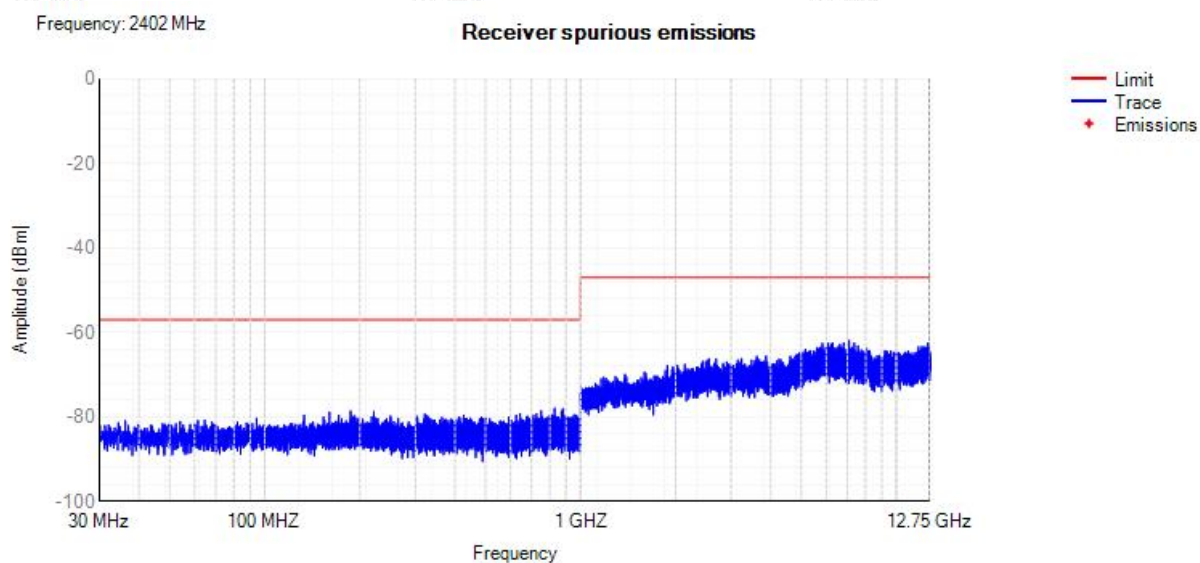


Rx. Spurious NVNT 2-DH5 2480MHz

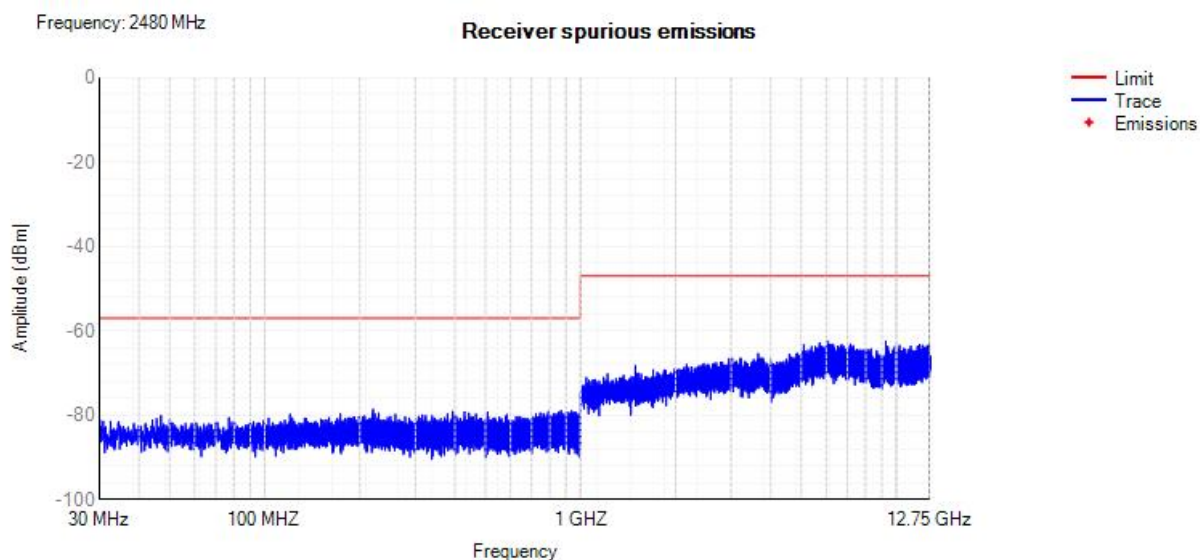




Rx. Spurious NVNT 3-DH5 2402MHz



Rx. Spurious NVNT 3-DH5 2480MHz





E.10 Receiver Blocking

| Test Mode | Test Channel (MHz) | Wanted Signal Mean Power from Companion Device (dBm) | Blocking Signal Frequency (MHz) | Blocking Signal Power (dBm) | | Type of Blocking Signal | PER(%) | | Test Result |
|-----------|--------------------|--|---------------------------------|-----------------------------|-------|-------------------------|------------|-------|-------------|
| | | | | Test Value | Limit | | Test Value | Limit | |
| DH5 | 2402 | -70 | 2380 | -27 | ≥-34 | CW | 0.95 | 10 | Pass |
| | | | 2504 | -22 | ≥-34 | CW | 3.71 | 10 | Pass |
| | | | 2300 | -26 | ≥-34 | CW | 1.42 | 10 | Pass |
| | | | 2584 | -24 | ≥-34 | CW | 0.84 | 10 | Pass |
| | 2480 | -70 | 2380 | -30 | ≥-34 | CW | 3.10 | 10 | Pass |
| | | | 2504 | -25 | ≥-34 | CW | 1.08 | 10 | Pass |
| | | | 2300 | -28 | ≥-34 | CW | 2.92 | 10 | Pass |
| | | | 2584 | -22 | ≥-34 | CW | 1.00 | 10 | Pass |
| 2DH5 | 2402 | -68 | 2380 | -21 | ≥-34 | CW | 5.17 | 10 | Pass |
| | | | 2504 | -20 | ≥-34 | CW | 2.92 | 10 | Pass |
| | | | 2300 | -28 | ≥-34 | CW | 2.59 | 10 | Pass |
| | | | 2584 | -26 | ≥-34 | CW | 2.85 | 10 | Pass |
| | 2480 | -68 | 2380 | -23 | ≥-34 | CW | 5.12 | 10 | Pass |
| | | | 2504 | -28 | ≥-34 | CW | 1.84 | 10 | Pass |
| | | | 2300 | -24 | ≥-34 | CW | 1.74 | 10 | Pass |
| | | | 2584 | -19 | ≥-34 | CW | 3.65 | 10 | Pass |
| 3DH5 | 2402 | -68 | 2380 | -21 | ≥-34 | CW | 1.46 | 10 | Pass |
| | | | 2504 | -23 | ≥-34 | CW | 4.44 | 10 | Pass |
| | | | 2300 | -24 | ≥-34 | CW | 2.80 | 10 | Pass |
| | | | 2584 | -26 | ≥-34 | CW | 3.60 | 10 | Pass |
| | 2480 | -68 | 2380 | -31 | ≥-34 | CW | 3.17 | 10 | Pass |
| | | | 2504 | -24 | ≥-34 | CW | 5.21 | 10 | Pass |
| | | | 2300 | -23 | ≥-34 | CW | 4.05 | 10 | Pass |
| | | | 2584 | -24 | ≥-34 | CW | 4.50 | 10 | Pass |



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